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813
POULTRY AT THE LEADING SOUTHERN STATE FAIRS
AUGUST, 1911

THE INDUSTRIOUS HEN

ONE YEAR 50c---THREE YEARS \$1

AN ILLUSTRATED MONTHLY
FOR
POULTRY, LIVE STOCK AND THE FARM

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WASHINGTON, D. C.

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Kentucky
State Fair

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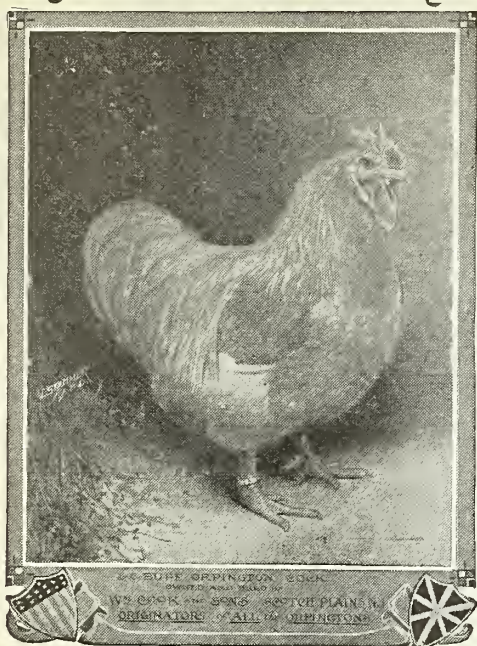
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THE INDUSTRIOUS HEN

An Illustrated Monthly for the Commercial and Fancy Poultryman.

Vol. 8

Knoxville, Tenn., August, 1911

(Whole No. 87) No. 3

Poultry at the Leading Southern State Fairs

Interesting Facts Relating to Southern Fall Poultry Shows
Furnished The Industrious Hen in Response to a Request
Sent the Various Secretaries--Some Failed to Send Reports

Appalachian Exposition Poultry Show, Knoxville, Tenn., September 25-30



THE poultry premium list of the Appalachian Exposition Poultry Show, to be held Sept. 25 to 30, has been issued from the press of S. B. Newman & Co., and is by far the handsomest one we have seen this year. The regular cash premiums are two-thirds larger than heretofore, and nearly \$1,000 is offered in cups, gold and silver specials and ribbons. Illustrations

of the poultry building, the judges, cups, etc., make it very attractive. The assignment of the judges is as follows: Wm. C. Denny, Rhode Island Reds, Plymouth Rocks and Orpingtons; Chas. I. Fishel, Wyandottes and Games, including Cornish. A. F. Kummer, Leghorns, Anconas, Bantams and Hamburgs; N. L. Hutchison, Brahmans, Cochins, Langshans, Minorcas and Houdans; Mrs. J. C. Shofner, Turkeys and Water fowls.

A new feature in a poultry show will be an exhibit of eggs, for which cash prizes and ribbons will be given. No entry fee will be charged and competition is open to the world. \$1.00 for first prize and fifty cents for second will be offered for the best dozen farm eggs, not pure bred, and also of Plymouth Rock, Wyandotte, Orpington, Leghorn, Minorca, and any other not named above. A sweepstake prize of \$2.00 and \$1.00 will also be paid for the best dozen brown and white shelled eggs, respectively.

A Poultry Institute on Wednesday and Thursday evenings, Sept. 27 and 28, will be held in the pavilion, conducted by Judge S. T. Campbell, Secretary of the American Poultry Association, assisted by Prof. H. A. Morgan, of the Agricultural Experiment Station, Knoxville.

The entire week of the poultry show will be known as "Poultry Rally Days," with a model poultry institute, and secretaries of shows, members of the American Poultry Association and breeders who want to get in touch with the latest A. P. A. work, are urged to attend these meetings.

President Reese V. Hicks will talk on "The Benefits of Thorough Organization to Poultrymen." J. H. Robinson, editor of *Farm Poultry*, Boston, will deliver an address on "Permanent Poultry Culture." R. V. Mitchell, of Ithaca, N. Y., who has done most excellent and practical work at Cornell University, will give an illustrated lecture, demonstrating with live birds, the "Methods of Killing and Packing Poultry." Other prominent speakers will be heard also. These poultry institutes are interesting and educational, and are given at night, on Wednesday and Thursday, and should be attended by every poultryman on the grounds, as it is, not often that we have the privilege of such an opportunity.

Exceedingly low railroad rates have been made by all railroads entering Knoxville from Sept. 11 to 30, and on every Tuesday, the coach rates, one cent a mile for the round trip, will be in effect, thus giving thousands an opportunity to come to the poultry show cheaper than they could stay at home.

LOW RATES.

The following round trip rates have been announced, and will be in effect on Tuesdays of the entire period of the

Exposition, and include admission to the exposition grounds: Athens, \$1.85; Bluff City, \$1.85; Bull's Gap, \$1.85. Bristol, \$3.40; Charleston, \$2.15; Chattanooga, \$3.00; Cleveland, \$2.40; Coal Creek, \$1.40; Cumberland Gap, \$2.10; Dossett, \$1.80; Greeneville, \$2.25; Harriman and Harriman Junction, \$1.80; Jefferson City, \$1.25; Jellico, \$2.05; Johnson City, \$2.90;



Director and Judges of Appalachian Exposition Poultry Show

- | | |
|------------------------------|----------------------------|
| 1. W. C. DENNY, N. Y. | 2. C. I. FISHEL, Ind. |
| 3. A. F. KUMMER, Pa. | 4. N. L. HUTCHINSON, Miss. |
| 5. L. B. AUDIGIER, Director. | |

Jonesboro, \$2.75; LaFollette, \$1.85; Lenoir City, \$1.25. Limestone, \$2.55; Morristown, \$1.60; New Market, \$1.25; Oliver Springs, \$1.45; Ooltewah Junction, \$2.70; Philadelphia, \$1.45;

Rogersville, \$2.20; Sweetwater, \$1.60; Tasso, \$1.75; Tazewell, \$1.75; Vasper, \$1.50.

The following rates do not include admission to the exposition grounds:

GEORGIA.—Blue Ridge, \$2.75; Cartersville, \$2.25; Chatsworth, \$2.30; Cohutta, \$2.45; Crandall, \$2.15; Dalton, \$2.70; Ellijay, \$3.05; Eton, \$2.25; Fairmount, \$2.80; Mineral Bluff, \$2.65; Ramhurst, \$2.40; Ranger, \$2.70; Rvdal, \$2.95; Sweet Gum, \$2.80; Talking Rock, \$3.25; White, \$3.00.

KENTUCKY.—Artemus, \$2.15; Barbourville, \$2.15; Brush Creek, \$3.15; Burnside, \$3.10; Chenoa, \$2.25; Corbin, \$2.15; Dudley, \$3.15; East Bernstadt, \$2.75; Ely's, \$2.15; Fariston, \$2.50; Emanuel, \$2.15; Flat Lick, \$2.15; Four Mile, \$2.15; Gatliff, \$1.90; Grays, \$2.15; Hazel Patch, \$2.90; Lily, \$2.45; Livingston, \$3.00; London, \$2.60; Lot, \$1.75; Maretburgh, \$3.25; Middlesboro, \$1.65; Mountain Ash, \$1.90; Mount Vernon, \$3.25; Mullins, \$3.10; Pine Hill, \$3.10; Pine Knot, \$2.55; Pineville, \$2.15; Pittsburgh, \$2.70; Pleasant View, \$1.90; Rockhold, \$2.15; Savoy, \$2.00; Saxton, \$1.85; Somerset, \$3.25; Stearns, \$2.60; Wasioto, \$2.15; Watts Creek, \$2.05; Wildie, \$3.25; Williamsburg, \$1.80; Woodbine, \$2.15; Wofford, \$2.10.

NORTH CAROLINA.—Asheville, \$2.25; Biltmore, \$2.90; Culberson, \$3.00; Green Mountain, \$3.20; Hot Springs, \$2.10; Hunt Dale, \$3.05; Marshall, \$2.46; Murphy, \$3.25; Ranger, \$3.05.

TENNESSEE.—Athens, \$1.35; Austral, \$1.55; Benton, \$1.70; Cambria, \$1.45; Cameron, \$3.05; Chaska, \$1.60; Chestoa, \$2.80; Clairfield, \$1.85; Coal Creek, 90c; Conasauga, \$1.95; Copper Hill, \$2.45; Cotula, \$1.50; Dayton, \$2.15; Delano, \$1.55; Dossett, 80c; Ducktown, \$2.40; Duff, \$1.45; Emory Gap, \$1.35; Englewood, \$1.30; Erwin, \$2.70; Etowah, \$1.45; Farmer, \$2.15; Fordtown, \$2.75; Glen Mary, \$1.95; Grady, \$1.40; Greenback, 85c; Habersham, \$1.55; Helenwood, \$2.15; High Cliff, \$1.75; Holton, \$1.70; Jacksboro, \$1.20; Jena, 80c; Kilsyth, \$1.50; Kingsport, \$2.95; Lancing, \$1.65; Lawrenceburg, \$6.25; Leimart, 90c; McGhee, 85c; McFarland, \$1.95; Madisonville, \$1.15;



Poultry Building Appalachian Exposition Poultry Show

Morley, \$1.65; Oakdale, \$1.35; Ocoee, \$1.80; Oldfort, \$1.85; Patty, \$1.55; Rathburn, \$2.45; Rockwood, \$1.50; Spring City, \$1.80; Sunbright, \$1.80; Tellico Plains, \$1.60; Yennaga, \$2.00; Unicoi, \$2.60; Vonore, 90c; Winfield, \$2.35.

VIRGINIA.—Appalachia, \$2.80; Ben Hur, \$2.30; Big Stone Gap, \$2.70; Blackwood, \$2.90; Dorchester Jct., \$2.95; Dryden, \$2.50; Ewing, \$2.15; Gate City, \$3.20; Hagans, \$2.15; Hubbard Springs, \$2.15; Norton, \$3.00; Ocoonita, \$2.25; Olinger, \$2.60; Pennington, \$2.40; Rose Hill, \$2.15; Spear's Ferry, \$3.20; Wheeler, \$2.15.

REGULAR RATES.—The regular rates, which cover the entire Southeastern territory, from Cincinnati to Jacksonville and from Charleston to New Orleans, and from Savannah to Washington, will be made public shortly, and cover every day of the Exposition. These rates were all granted at the recent passenger association meeting in Norfolk.

FARMERS' DAY.

Prof. H. A. Morgan, chairman of Farmers' Day, and John A. Jones, director of the agricultural department, have arranged for Thursday, Sept. 14, of the first week of the Exposition to be Farmers' Day. The farmers will be eager to come during the first week, for that will be the week of the horse show and live stock exhibit. It is predicted that farmers and members of their families who will be here on that day will number fifteen thousand.

Cowan Rodgers, representing the Nordyke Marmon Co., of Indianapolis, in addition to his automobile exhibit, has arranged to put on display \$175,000 worth of trophies won at automobile meets all over this country. In the display will be the \$12,000 Wheeler & Shelby trophy won on the Indianapolis speedway, and the \$5,000 trophy given by the city of Savannah and won at a meet in that city. These with forty-seven other trophies, make up one of the finest displays ever seen in the country.

Tennessee State Fair, Nashville, Sept. 18-23

THE big Agricultural Building of the Tennessee State Fair has this year been turned over to the poultry people, and will be known as the poultry building. It has ample space for any number of birds, is magnificently ventilated and has a splendid light. The poultry breeders are to be congratulated in getting this building, which is situated near the center of the grounds, and practically adjoining the big amphitheatre. The display yards for flocks of poultry on the ground will be just across the avenue from the big poultry building. Premium lists and entry blanks are now ready and can be had by addressing John A. Murkin, Box 6, Nashville, Tenn. The dates of the Tennessee State Fair poultry show are Sept. 18-23, 1911. Theodore Hewes, of Indianapolis, Ind.; W. C. Pierce, of Indianapolis, Ind.; Loring Brown, of Smyrna, Ga.; George Ewald, of Cincinnati, Ohio, and P. F. Haer, of Nashville, Tenn., have been engaged as judges. For the benefit of its patrons the Tennessee State Fair poultry show will build as many 10 x 15 foot yards out on the open lawns as will be necessary to accommodate the birds sent and will allow its friends to use these pens as "Display and Sales Yards" for the surplus stock they may want to dispose of during the Fair. These yards will accommodate about 50 birds each. It may be that a number of breeders would like to show flocks in this way, and sell the birds direct from the pens, to be delivered at the close of the Fair. On Saturday, Sept. 23, at 2 o'clock, the last day of the Fair, a big auction sale will be put on for all those who wish to dispose of all birds not sold during the week. A fee of 25 cents will be charged for each bird put in the display yards to cover the actual cost of hauling from the express office, care, feeding and watering. Birds entered in the "Display Yards" will compete for a handsome silver cup for the best "yard display." They do not, however, compete in the regular poultry show, the idea being to offer the patrons of the poultry show an opportunity to dispose of all the stock they can to the best possible advantage.

Tri-State Fair, Memphis, Sept. 26-Oct. 4

JUST off the press is the 1911 premium list of the Tri-State Poultry Association. It is one of the handsomest of the year, and is full of interest to those who intend exhibiting in the South this fall. This show has always stood for the best. Its management is liberal and business like. Its officers are sportsmen, and they have shown their usual good judgment in the selection of Richard Oke, Chas. McClave and H. B. Savage to award their prizes this year. Exhibitors may feel sure of fair treatment at the hands of these men who for so many years have stood at the top of their profession, not only as judges, but as breeders as well. This association has an active, aggressive membership of over four hundred fanciers. They claim to have no professional in their rank. However, some of our dyed-in-the-wool professionals, who have exhibited there, say that these same amateur back-yard fanciers have stock worthy of the best foeman's steel. And they don't mind losing when better birds are shown against them. They immediately want a price on the bird that beat them and odds are that same bird will never be shipped away from Memphis. Their show is held in connection with the Tri-State Fair in a splendidly lighted and well ventilated building erected for their sole use. Situated as Memphis is at the corner of three states, Tennessee, Mississippi and Arkansas, and being the only city of importance from a radius of one hundred miles, this Fair draws great crowds of rich planters who come to buy the best that is to be had in the way of live stock and poultry. Cotton prices are high and they are prosperous. They have money to spend and they spend it with a lavish hand when something of interest appeals to them. Memphis is offering this year a solid gold leg band each, to the best cock, cockerel, hen, pullet and pen in the show. They are declared champions and are placarded as such in beautifully decorated coops set aside for this purpose. This feature proved the chief attraction of their show last fall. Their gold bands went from Massachusetts to Texas. The management this year has appointed, from its active membership, committees to have charge of each breed. The chairman of these will see that his breed is well represented and that shipments to his department are promptly and efficiently handled, cooped, fed and shipped, under the general direction of superintendent R. B. Buchanan, of 322 South Main Street, Memphis, who is also secretary of the Tri-State Poultry Association. Write him for premium list. The dates of the Tri-State Fair show follow the Appalachian Exposition show, which closes Sept. 30, and birds ordered sent direct from Knoxville to Memphis, will receive especial care and attention.

Alabama State Fair, Birmingham, Oct. 5-14

THE poultry show at the Alabama State Fair this year, October 5-14, promises to be one of the most important poultry events in the South, and will doubtless be the most important poultry show held in Alabama. The Fair Association has provided nice quarters for the birds, and attentive service is promised to all exhibitors. Mr. E. H. Galusha, superintendent of this show, is an old hand at the business, and is liked by all exhibitors who have attended the poultry show at the Alabama State Fair for several years. Secretary F. P. Chaffee, of the Alabama State Fair, is making a special effort to raise the tone of the poultry show at the Fair, and to make it one of the big poultry events of the South. Geographically, Birmingham is well located for a poultry show, and has a fine territory to draw from on all sides. Mr. Loring Brown, of Smyrna, Ga., who is well known as a poultry judge throughout the country, will officiate as judge at the Alabama State Fair this year. It is needless to say that wherever Mr. Brown goes as a judge, he attracts a large number of fine birds. Taken all in all, the Alabama State Fair poultry show promises to be a most potent factor in raising the standard of poultry throughout the section it draws from. The premium list has been increased very decidedly over last year, and a third money prize has been added for all numbers. In addition to the money prizes offered by the association, there is a large number of attractive special prizes offered by different clubs. The regular premium catalogue of the Alabama State Fair, including the poultry premiums, has been issued, and all exhibitors who are interested are advised to write the secretary of the Alabama State Fair and Exhibit Association, Box 262, Birmingham, Ala., for a copy of the same.

Arkansas State Fair, Hot Springs, Oct. 9-14

INDICATIONS point to the greatest exposition this year in the history of the Arkansas State Fair, which will be held Oct. 9-14, at Hot Springs. From a modest beginning it has developed into a thing of vast magnitude, not only state-wide but inter-state in scope. Having the finest and best adapted fair grounds and plant in the South, and located at the nation's greatest health and pleasure resort, visited annually by over 200,000 people from all parts of the United States, and the world at large, it affords exceptional facilities for the exploitation of the State's marvelous resources. Never before have the eyes of the outside world been centered on Arkansas as now. Every progressive county—every wide-awake town in the State, which has commercial, agricultural and industrial advantages to offer, should be at the State Fair with exhibits and advertising matter. All departments promise wonderful expansion this year, especially the poultry department which will be an interesting feature, and breeders of fine poultry should prepare to make heavy entries. The amusement attractions will be more varied and of a higher class than ever before. Railroad rates will be secured, reducing the expense to a minimum. The premium list will soon be ready and will be mailed on application to the secretary, J. L. Wadley, Hot Springs, Ark.

Mississippi - Alabama Fair, October 16-21

WHEN the Mississippi-Alabama Fair convenes for the first time on October 16, there will perhaps be no one thing that will attract more attention than the poultry exhibition. The premium list of the Fair has been completed and shows that \$15,000 in cash prizes are to be given away and \$1,000 of this amount is devoted to poultry alone. There is also a number of special premiums given by outside parties that is not included in this amount. The fair management has realized the fact that a fair in that section with the poultry end of it in the background would not be a Mississippi-Alabama exhibition, and they decided to offer such premiums as would attract exhibitors from over both states. A building 60 x 125 feet in size has been set apart for the poultry exhibits alone, and it is the intention of the management to make the poultry show one of the features of the fair. The East Mississippi Poultry Association, now in its third year, has joined hands with the fair management and will combine their show with the big fair next fall. Mr. A. W. Kaye has been appointed superintendent of this department. There will be no charge for exhibit space and the entry fee will be only 25 cents for each bird. All awards will be made by comparison, and the American Standard of Perfection shall be the main guide of the judges. The outlook for a successful fair is very bright, and no feature holds out greater promise than the poultry exhibition. It is expected that the large prizes offered will attract not only a large number.

Mississippi State Fair, October 24-Nov. 2

THE Mississippi State Fair, to be held at Jackson, Oct. 24-Nov. 2, 1911, in its poultry Department not only does not allow hucksters in the show, but is one of the few state fairs that have never permitted them to show. The premiums offered are the largest of any state fair, with only 25 cents entry fee. Realizing that silver cups do not pay express charges or the feed man, all of their specials are in good U. S. money. There are special cash prizes on all popular varieties, also special cash prizes for amateurs and out-of-state exhibitors. Their judge, N. L. Hutchinson, has given satisfaction for six years, and was practically unanimously recommended by the exhibitors for another year. This season the building will be cooped with Empire coops. The poultry building has the best location of any building on the fair grounds, being the first building inside the main entrance. Their superintendent is a chicken man 365 days in the year, knows how to handle a show and gives your birds the proper attention. The Mississippi Poultry Association, composed of 236 of Mississippi's leading poultrymen, hold their annual show in connection with the Mississippi State Fair. They put up all their money in cash prizes in addition to the regular and special prizes offered by the fair association.

Louisiana State Fair, October 31st-Nov. 5th

IF A large number of inquiries and encouraging reports are to be considered a good indication, this year's poultry show, the sixth, at the Louisiana State Fair, is going to be a pronounced success. The show will open Oct. 31 and continue through Nov. 5. It will be held at the State Fair grounds in Shreveport, where every possible accommodation will be furnished exhibitors. As an inducement, the fair association is offering over \$1,000 in cash premiums. In addition, a large number of special prizes will be awarded those exhibiting the best specimens. On nearly all varieties the awards will be as follows: \$2.00 on first singles and \$1.00 on second singles; \$5.00 on first breeding pens, and \$2.50 on second breeding pens. The entry fee on singles will be 50 cents; on pens it will be \$1.00. The entries will close Oct. 29, two days before the opening of the show. It is announced by the State Fair Association, which has charge of the poultry show, that the competition will be open to the world. All exhibitors will have a chance at the premiums. Hucksters will not be allowed, and the superintendent will have the right to accept or reject any entries. The judge, D. M. Owens, of Athens, Tenn., has a national reputation for fairness and ability. Sam M. Watson, of Shreveport, who has filled the position for five years, will be superintendent. If the association's plans are materialized, there will be a new poultry building, 80 x 160 feet, in which will be installed new empire coops and plenty of lights and all modern conveniences. The holding of the state poultry show has resulted in splendid fruit in Louisiana in this line of industry. Louisiana is now one of the best states for the marketing of first-class poultry, and prospects point to continued progress. Last year 2,500 birds were exhibited. This year a still finer show is expected. For catalog and premium list, write to Louis N. Brueggerhoff, secretary, Shreveport, La.

Ways of Introducing Roup Into the Flock

BEGINNERS very often introduce roup to their flocks by doing some foolish thing. For instance, they will close up the house tight at night, in winter, when the weather is very cold, and allow it to remain closed all the next day. Naturally a moisture is created which generates a dampness, and the whole house will feel like a vault. The dampness which fills the house at night, and which usually comes from the fowls' breath, can easily be dispelled in the daytime by opening all the windows wide. Nothing will dispel dampness so quickly as fresh air, especially if it be dry. It must be remembered also that fresh air never made a fowl sick, and it matters not how cold the outside temperature may be, it will benefit the fowls.—M. K. BOYER, Hammon, N. J.

Catarrh in Chickens Not Caused by Cold

CATARRH is not roup. It is usually caused by dampness: exposure to a drenching rain is a good starter for the disease. Roup is a purulent catarrhal affection of the air passages. Dr. Sanborn says it is a filthy disease, and not caused by "taking cold." The difference between roup and catarrh is that the latter has a tendency to get well without treatment, while the former seems inclined to progress to a fatal end.—POYER.

Cleanliness--Grit--The Hen and Her Nest

By E. G. WARDIN, Charlotte, N. C.



OW that the weather is warm, all poultry keepers should keep a sharp lookout for all injurious insects, especially that scourge of the poultry breeder—the red mite. These terrible insects, once they get a chance to breed and spread, will work great havoc among the fowls, living as they do in crevices, cracks and sockets of the roosts or perches during the day time, and at night coming out to feed upon the helpless fowls as they sleep, or try to, on the roosts. They and their kindred abhor daylight and sunlight, which is the reason why poultry houses should be as light and airy as it is possible to make them.

The best way to keep these red mites down or to exterminate them, if they get a hold in the poultry house, is to pour kerosene oil into the sockets or supports of the roosts, and into all the cracks and crevices, also paint the perches thoroughly with it. A good way the writer has found is to take raw cotton tic, or wire a bunch of it around each end of the roost, keep this thoroughly saturated with kerosene and then the mites cannot pass this to get on the roosts. If this is cotton tic is saturated regularly and the house kept well whitewashed, the red mites and other pests will be conspicuous by their absence. All the fowls should also be well

general purpose medicine is good sharp, well-prepared grit, with a whole lot of exercise every day in the year. If you wish to succeed in poultry raising and be prepared to overcome the mistakes which are bound to occur at first, and the accidents that will occasionally happen afterward, you must have plenty of *Grit*.

THE HEN AND HER NEST.—Many people claim that the nest should be on the ground; but all claims that hens should have their nests on moist ground are unsupported by facts. What is required for the hen in winter is a snug warm location; while in summer she should have a cool place. The best material for a nest is dry earth on the bottom, with fine cut hay over the earth. Then dust the nest, hen and eggs with some good insect powder, and put a small quantity of tobacco stems or refuse in the nest. Should an egg be broken, or the nest become foul, clean it out thoroughly. The broken egg will cause lice quicker than anything else. But first see that the hen has no lice, then give her good eggs and she will bring off a brood if she has a warm comfortable nest. The nest should be made movable, so that it can be taken outside for cleaning, and it should never be placed where any of the fowls can roost upon it, or cause it to become filthy. It should never be so high as to compel effort to reach it, and should be in a darkened or secluded place. The large breeds will prefer to lay on the ground rather than attempt to reach a high nest even when a footway is provided. Some hens learn to fly over a high fence by first learning to reach a high nest; and never have the nest so constructed that the hen must jump down into it, as broken eggs will be the consequence. Rather place the entrance so as to permit her to walk in upon the eggs.

Should Go After the Express Companies

IT WOULD be a good thing for the American Poultry Association, at its session at Denver, to go after the express companies and force them to grant lower rates on poultry to and from exhibitions and to agree to take better care of the stock. Exhibition birds should not be handled as market poultry is usually done, slammed and pitched about, for upon careful handling sometimes hinges the fate of an exhibitor's chances to win. Nor should the rate be so exorbitant as at present. Fowls that are sent to the shows are the choicest of breeders and should be handled accordingly.

But by far the greatest sin committed by express companies is their hold-up methods in regard to claims, especially the small ones, against them for improper routing and careless handling in shipping, of which we will have something to say at length in a future issue. Thousands of dollars annually are lost to the poultrymen of this country in this manner, the express companies refusing to pay these claims on certain technical grounds. While these claims would hold good in equity, the cost of filing suit would be so much greater possibly than the claim itself, that there is absolutely no redress—and the express people know it.

If the American Poultry Association could devise some scheme to collect the claims of its members against the express companies, by creating an office with a collector in charge, whose duties it shall be to give this business his entire attention, it would result in much good to the breeders and be the biggest means of stimulating the growth of the association possible. Surely the poultry business is today of such magnitude as to justify the association in establishing a department of this character. When the express companies are made to know that the American Poultry Association proposes to stand behind its members in their demands for justice, then these hold-up tactics will cease.—JAS. B. DISMUKES.

Here is a good suggestion from Mr. M. K. Boyer: "Poorly dressed poultry goes begging in the market, while the supply of choice (fancy) stock is not sufficient to meet the demand. In shipping to market, all dressed poultry should be assorted according to size and color, in order to secure best returns. Small, poor, scraggy birds, half dressed, bring prices in proportion." And this: "An egg to belong to the strictly fresh egg class, should not be over three days old, in summer weather, and a week old during winter. But in either case they must be kept in a cool temperature. Heat very quickly stales eggs. Crates of eggs allowed to remain in the hot sun for several hours will quickly change their condition."



PARTRIDGE
ROCK HEN
First at Nashville, 1910.
Bred and owned by
G. W. Syper, Jr.
Madisonville, Ky.

dusted periodically with a reliable insect powder, especially the setting hens and their nests, also the laying boxes in the house.

If more attention were paid to these important facts, there would be fewer mopy and miserable looking fowls about; and complaints of lack of eggs and poor hatches among small poultry keepers, as naturally hens will not lay or sit well if they are constantly worried by these pests. Although occasionally thin-shelled eggs may be to blame, or a clumsy hen, very often lice are the cause of eggs being broken in the nest, as they cause the hens to be restless and fidgety, just when it is necessary for them to be quiet and contented. Perfect cleanliness, with a liberal use of insect powder, white-wash and kerosene, together with a little labor go a long way towards insuring the possession of a healthy flock, more eggs and more chickens. This, like "love," is an old, old story, but ever new and highly important.

GRIT.—When your fowls seem to care for nothing you give them, just offer them a little grit. When hens molt slowly it is usually due to impaired digestion, which means that you should give them a little grit. If you wish to prevent chicken cholera by keeping your flock in full vigor, just give them a little grit. If you wish to derive every particle of lime from the food given the poultry, just see that they have plenty of grit. If you wish to starve your hens to death, give them plenty of good wholesome food, but withhold the grit, and they will starve in the midst of plenty. The best

The Mistakes Many Make With Turkeys

By J. C. CLIPP, Saltillo, Indiana



SUBSCRIBER to THE INDUSTRIOUS HEN has just written us to know why her turkey eggs never hatch to do any good, and those that do hatch seldom ever reach maturity. She says she always keeps quite a number of hens for breeding purposes, giving them the best of attention, always confining them in breeding season and fed very sparingly on fat producing foods so as to not injure the fertility of eggs—yet at same time seldom ever matures a flock of turkeys.

Many turkey growers do make miserable mistakes in their turkey ventures. Not long ago I read in one of our leading journals an article from one who denounced turkey growing from start to finish, saying: "Of all the domestic fowls, turkeys doubtless are the most difficult to raise of all."

You will observe that the majority of people that try to grow turkeys on a large scale keep the breeders confined too much which will invariably result in low fertility of eggs, while the poults are constitutionally weak. Breeding stock that has been closely confined tells on the young poults. It is not uncommon for poults to contract fatal diseases due to over confinement of the parent stock. The parent stock must have exercise during the breeding season or fatal results are sure to follow, both with the parent stock and the youngsters. Turkeys are not hard to raise if you fully understand the requirements peculiar to their wild nature. But if you attempt to handle them as other domestic fowls, you will encounter miserable disaster. The mistake many make with turkeys is in retaining unmaturing stock for breeding purposes—a greater mistake could never be made. I would prefer stock fully matured to all others regardless of fancy markings or any other fancy requirements, as fancy points, regardless of vitality, will prevail nothing. You must have strong, vigorous breeders if you produce healthy poults.

No breeder of high quality turkeys prefers to breed from inferior specimens under any circumstances, but he must remember that if he caters to large early matured birds, he can more easily maintain fancy feathers as well as ideal shape and style. I prefer to use two or three year-old hens for breeders than pullets, even if they are well matured. Poults from old birds are stronger, will grow off more rapidly and are not so susceptible to disease as those produced from young stock. When turkeys are confined during the breeding season special precaution should be given them about mating time. The tom should not serve over two hens any day, and not over seven hens should be given to one tom, otherwise your eggs are almost certain to come infertile. They should be liberated every day not less than three hours. Afternoons is the most desirable time as the hens generally lay in the forenoon, and then when you release them at this time they are not so apt to range far away. If the breeders are not given this freedom each day, they will not only produce infertile eggs, but will lay more or less soft-shelled eggs and otherwise go wrong, often becoming diseased and dying. The food for the breeding stock should always be wholesome and of the very best quality. The drinking water should always be fresh and clean. In fact, breeding turkeys cannot be neglected.

The greatest mistake made by the majority of breeders is in over-feeding. Turkeys are the most sensitive fowl to improper foods. I have found that by allowing the poults free range they can obtain quite enough food for their living. I read where breeders prepare boiled eggs, mixed with potatoes, etc., for the poults, but our experience in feeding freely of such artificial foods proved most disastrous. We feed them but very little, compelling them to depend on insects and wild weed seed for a living and poults are larger and of much finer plumage than when we feed them on everything in reach. They are not so liable to contract bowel trouble when they obtain their living from the range. When one shows signs of bowel trouble, give it a few doses of castor oil and turpentine in broken doses and it is soon game and lively again. When a turkey is in perfect condition it moves about quickly, with its head up and every motion full of snap and vigor. When they move off slowly and appear in a stupor, you can assure yourself of some trouble—it's liver trouble or a kindred disease of some of the digestive organs. The oil will quickly act on the liver and bowels and the turpentine will kill every living germ. We have no trouble in correcting the

majority of cases of liver troubles with this treatment. But where turkeys are simply killed by over-feeding, this treatment will not raise the dead. For ordinary derangement of the digestive organs, so common with young turkey poults, I would rather risk this treatment than all the others recommended.

Turkeys while growing have a tremendous appetite and the proper way to satisfy them is to keep them out on range where they can feed on insects and worms. Turkeys can not get too much of such foods, because it's a natural food for all wold fowls.—CLIPP.

Uneasy Lies the Head that Wears the Crown

ONCE upon a time someone, it matters not who, said that "Some are born great, some achieve greatness, and some have greatness thrust upon upon them." It appears now that all three of these have happened to Gov. Hoke Smith of Georgia. Some time ago Mr. Smith was elected governor of Georgia. The handsome majority he received at the polls attested his popularity, and the confidence thus reposed in him by the people of his state led to his election a little later as president of the Southern International Poultry Association at Atlanta. From governor to the head of a live wire poultry association should be glory enough for any man in one year; but things have been happening thick and in rapid succession in Georgia of late, and it was but natural that when the Crackers needed a good man to represent them in the United States Senate all eyes should turn to the president of the S. I. P. A. Now it is a matter of history that when a true, tried, and tested chicken fancier is needed for sacrifice upon the altar of public duty, however large the salary may be, he may be depended upon to lay down his arms in the peaceful warfare of life, and rally to the call of the people to save the country, even though it be at great personal sacrifice. When the call came to Mr. Smith, in the language of the school boy, "he seen his duty and done it noble." The poultry industry of Georgia needed Hoke Smith's personal attention, but he was in the hands of his friends, and when the judges had finished their work, it was found that Mr. Smith had been awarded the blue ribbon. Now Mr. Smith's predecessor in office has resigned as Senator and left the president of the S. I. P. A. in an embarrassing position, because of his inability to attend the sessions of that august body. Mr. Smith's position as president of the S. I. P. A. has a prior claim upon him, and it is said his voice will not be heard in the halls of Congress until after per-simmon time. Hoke Smith is said to be a man of his word. He has promised the members of the S. I. P. A. that he would go before the convention of the American Poultry Association at Denver and invite that organization to hold its 1912 convention in the city of Atlanta, and you may rest assured he will be there. Congress may legislate till reciprocity fails to reciprocate, and the legislature of Georgia may continue in session (or elope to Alabama), but Hoke Smith will stand in the shadow of Pike's Peak and extend to the American Poultry Association a hearty welcome to Atlanta in 1912. Surely should the Sipa's say of Hoke Smith, that he is a man

"That keeps the word of promise to our ear,
Nor breaks it to our hope."

A Splendid New Book on Rhode Island Reds

BREEDERS of the Rhode Island Reds will be interested in the instructive and beautifully illustrated book on this breed recently published by the *Reliable Poultry Journal*. It gives the history and origin of the Reds, tells how to select and mate both for exhibition and utility qualities, how to judge by comparison and score card, illustrating the Drevenstedt comparison card, and covers all subjects pertaining to their successful breeding. The book was edited by D. E. Hale, judge and breeder and the contributors of articles are the leading breeders and judges of the country. Fully illustrated by Messrs. Sewell, Schilling and Burgess. The text and illustrations conform to present standard requirements. "Rhode Island Reds" contains 80 pages, printed on first-class paper, with heavy paper cover. A color plate of feathers by Sewell. Price, 75 cents postpaid. With a year's subscription to THE INDUSTRIOUS HEN for \$1.00.

THE INDUSTRIOUS HEN

AND
TENNESSEE POULTRY JOURNAL

DEVOTED TO EVERY INTEREST OF THE

Commercial and Fancy Poultryman

Entered at Knoxville, Tenn., Postoffice as second class matter

S. B. NEWMAN & Co. Publishers

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The Industrious Hen Co., Knoxville, Tennessee

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Correspondence Solicited

Should the poultrymen of the United States ever see the time when they can supply more strictly fresh products than can be taken care of by local demands, they will still find the markets of the world open to the American farmer and fancier who, for a century and almost two score years has marched abreast of all enlightened nations in agriculture and allied industries.

While we would guard with jealous eye every interest of the American poultrymen, we fail to see the danger that threatens from reciprocal egg trade relations with Canada. To the contrary, we are led to believe that there awaits us multiplied opportunities in greater market advantages at increased prices, and a growth in our poultry industry that within a decade will excel our marvelous achievements of the last half a century.

If it be true that Canada is looking to the Orient for a goodly share of her egg supply, and that she has exported poultry and eggs into this country in meager quantities in the past, there can be no danger to the American farmer, the real back-bone of the poultry industry in this country, from our neighbors on the opposite shore of the St. Lawrence River. "If Canada had sent the entire amount of her exports to New York City alone," says Representative Hill of Connecticut, "they would have furnished to each of the inhabitants of that city one egg once in two and a half years." Another authority, Eugene W. Harrington, associate editor of the *National Poultry Magazine*, who has been in Canada making a study of reciprocity and what it means as applied to the poultry industry, has the following to say in the July number of that magazine in regard to the importation of eggs from Canada:

"So small is this item that it has no special part in the annual report. Classified as 'numerous items,' we find the exact importation for 1910 to have been 3,506 dozen, valued at \$1,088, upon which the duty was \$175.20. This would mean 42,072 eggs, or only one egg per year for every ten persons in the city of Buffalo. It is safe to say that based upon this amount of Canadian exports of eggs that had this duty been \$5.00 per dozen instead of \$.05, it would not have affected in any manner whatsoever the price paid by the consumer, nor the price received by the American producer."

We understand the figures given by Mr. Harrington to include eggs received at Buffalo alone, but should an equal amount be received at every American port, the effect on market conditions in this country would not be noticed. It is the logical conclusion, also, that the United States will in future furnish Canadian consumers with the poultry products now imported from China, Manchuria and other countries.

Assembly at Denver Both Fitting and Timely

WE DEEM it especially fitting that the American Poultry Association should hold its annual meeting in Denver this year. It is the fervent hope of the faithful that the coming together of this great host of lovers of the feathered tribe will instill new life into the industry in the Rockies, and that this new life may find its expression in greater accomplishments.

The people of Colorado send four million dollars each year to other states for poultry and eggs, and we are told that twice this amount would be expended if fresh, choice products were available. Colorado is said to possess favorable conditions for poultry growing, and particularly for egg production. Chicks hatched in the district of which the great city of Denver is the center, are said to possess extraordinary vitality, and while the percentages of hatches is below the average, nearly ninety per cent of all chicks hatched live to marketable age. It is said the door of opportunity is open to five thousand poultrymen in the region of Colorado Springs, and we believe the presence of this multitude of enthusiastic boosters will ultimately result in untold benefit to the poultrymen of the vast region lying beyond the "Father of Waters."

Greetings to the Assembled Hosts at Denver

AS THIS issue of THE INDUSTRIOUS HEN goes to its readers, the annual convention of the American Poultry Association is in session at Denver. It is our pleasure to extend greetings to the assembled hosts, and trust that the present session will be painfully harmonious and productive of eternal good. It is our further wish that this visit of our brethren to the region of the marvels of nature may prove one of genuine pleasure and practical benefit; and that the impetus given the industry by your brief sojourn in the land of the sky may ever be a pleasant memory to those whose lives are spent in the region of the Rockies.

Our Reciprocal Relations With Canada

NOT LITTLE interest is being manifested by poultrymen in the reciprocal trade relations between the United States and Canada, recently passed by Congress and approved by President Taft. American farmers, as a rule, have expressed their disapproval of the measure, and some poultrymen are of opinion that it will prove detrimental to the industry in this country.

In reports recently issued it is stated that the United States sends more than a million dozen eggs a year into Canada, on which we pay a duty of three cents a dozen. We import from Canada less than forty thousand dozen a year, a large per cent of these eggs for hatching only, on which we collect a duty of five cents a dozen. The report also states that the price of eggs across the border averages from three to five cents per dozen higher than in the United States. Admitting the truth of these statements, we fail to see wherein free trade in eggs, under the new treaty with Canada, would prove detrimental to American breeders. This view is held by the *New York Times* which, after an exhaustive review of the subject, concludes as follows:

"The American hen has a right to cluck for reciprocity. The trade bargain proposed between this country and Canada would remove a three-cent duty on a million dozen eggs a year which we send over the line to King George's subjects, and, in exchange, it would take off five cents a dozen from the less than 40,000 dozen which they yearly bestow upon Uncle Sam.

"Of course, the effects of a free-egg arrangement would have to be watched. But inasmuch as the wholesale price of the little red hen's product during January, 1911, was in Vermont 27 cents a dozen, as compared with 35 cents in Montreal; 36 cents in Buffalo, as against 40 cents in Toronto, and in Maine from 26 cents to 30 cents, while just across the line in New Brunswick it was 33 cents, it seems certain that the American poultryman would benefit by the bargain. Canada is now reaching out as far as Manchuria and China for eggs. The new arrangement would make a market for a fresher product not brought in from the Orient."

A statement recently published to the effect that many eggs are imported into this country each year, ought to put a quietus on those who proclaim calamity to the poultry industry through the over-burdened theory of over-production.

FLOTSAM AND JETSAM

By The Associate Editor

Eggs-Traordinary Case

Over near Nashville a snake crawled into a hen's nest and swallowed a porcelain nest egg. The result was not eggs-actly as his snakeship eggs-pected and he soon eggs-pired in eggs-cruciating agony. A post mortem was held with eggs-cel-lent results and the porcelain returned to the nest by the farmer, who was eggs-sultant over the result of his eggs-per-iment, as he eggs-tolled the plan to his eggs-cited neighbors.

Iowa State College has a Barred Rock hen that layed 230 eggs during he past year. They weighed 56 pounds or more than eleven times as much as the hen, and if sold at an average price of 25 cents per dozen, they would bring \$4.75, or \$3.25 more than her feed cost.

Nashville and Atlanta are both candidates for the 1912 Convention of the A. P. A. They are both great Southern cities where much poultry is handled. We trust that when the proposition comes before the A. P. A. at Denver, that the sergeant-at-arms will have no trouble in keeping John Murkin and Hoke Smith hors de combat

Or at Some Politician

A shell of the egg of the aepyornis, or flying elephant of Madagascar, has been found. It would hold two gallons. Just think what an ancient one of that kind would do if hurled at a prima donna who sings off key.

Governor Hoke Smith, of Georgia, has recommended to the legislature of that State an appropriation of \$10,000 annually for poultry, live stock and animal husbandry. As Hoke seems to get about everything he goes after, it is probable the recommendation will carry some weight.

It is estimated that these United States produce 29,520,000,000 eggs per year, a per capita of 295 eggs. Based upon an average of eighty eggs per hen per year, it required 370,000,000 hens to produce this enormous total.

In a poultry contest in Oregon, held recently, the winner of the \$100 prize secured from 22 hens an average of 140 eggs per year, valued at \$4.24. The cost of feed per hen was \$1.22, leaving a net annual profit of \$3.02 per hen.

And This From Tennessee

Mrs. John W. Davis, of Marshall Co., Tenn., a few weeks ago set an exceedingly large turkey egg under a hen and hatched out twin turkeys—two out of the same egg. The little turkeys are doing well.

Mr. S. D. Cherry, of Asheville, N. C., is organizing a stock company for the purpose of establishing a \$50,000 poultry plant near that city.

Mr. Will A. Hale, the popular Rhode Island Red magnate of Wilson County, Tenn., reports the arrival of a handsome little daughter in his home over in the "City of Cedars." Hale is a worthy sire and has our heartiest congratulations.

ORPINGTONS, Buffs and Blacks

INDIAN RUNNER DUCKS, The True
Fawn and White Kind

E. W. PHILLIPS, Pine Bluff, Ark.

FERGUSON'S WYANDOTTE YARDS

NEW MIDDLETON, TENNESSEE

600 Young White Wyandottes and Silver Wyandottes for sale from One of America's Best Strains.

CAMPBELL'S HIGH-SCORING EXHIBITION

Single Comb BUFF LECHORNS

always in the lead as Blue Ribbon Winners wherever shown. At the great Appalachian Exposition, Knoxville, Tenn., won eleven ribbons on seven entries, including specials for shape and color, also silver medal and diploma for best cockerel in Mediterranean class.

WRITE FOR MATING LIST

MRS. C. B. CAMPBELL, Asheville, N. C.

Member and State Vice-Pres. American Buff Leghorn Club. Sec'y of N. C. Branch A. P. A.

Allison's S. C. WHITE LECHORNS

I now have my pens mated up and am prepared to furnish eggs from my prize-winning and bred-to-lay stock. I am selling eggs at \$2.50 per setting from a pen in which every bird is a prize winner. Others as cheap as \$1.00 per setting. My birds have won at Louisville, Kentucky State Fair and Chicago. Incubator eggs, \$8 and \$10 per 100. I guarantee satisfaction. Write me. THOS. S. ALLISON, 28th and Seven Streets, LOUISVILLE, KY.

Do You Know J. A. Thornhill?

He breeds quality Single Comb Brown Leghorns and Rhode Island

Reds. A few cockerels for sale. Eggs \$1.50 and \$3.00

per 15; \$6.00 and \$8.00 per 100.

THORNHILL'S POULTRY FARM, Hartselle, Ala.

Prize-Winning S. C. Buff Orpingtons

Eggs half price the balance of the season. I will also offer a cock bird, winner of three first prizes, and seventeen fine one-year-old pullets, some of them prize winners, for sale at a reduced price, to make room for young stock.

G. B. MOORHEAD : Lynchburg, Tennessee

TERRELL'S S. C. R. I. REDS

Bred for utility, also fancy points. My birds have been winners since 1904 at such shows as Aberdeen and Meridian, Miss.; Nashville and Bristol, Tenn.; Augusta and Atlanta, Ga.; Charleston, S. C.; Houston and Marshall, Texas; Birmingham, Montgomery and Mobile, Ala.; also in the hands of my customers at many of the big Southern Shows, such as Dallas and Ft. Worth, Texas, Oakland, Cal., and Portland, Ore. EGGS—Prize mating, \$5.00; Special mating, \$2.00—half price after May 1st. Some good breeding stock for sale. Write for circular of winnings and matings.

L. K. TERRELL, Birmingham, Ala.

Frank's S. C. R. I. Reds

Memphis, 1911—1st cockerel, 2d hen, 3d pullet, 4th pen; 1910 2d cock. Nashville, 1910—1st cockerel, and best in show, 2d and 3d cock, 2d and 4th hen, 4th pen; 1911, 2d and 4th cockerel, 4th pen. Eggs, \$2.00, \$5.00 and \$10.00.

JAMES M. FRANK Cherry, near Church Nashville, Tenn.

According to the Macon (Ga.) *News*, the Barred Rock hen, "Deckie," owned by Mr. Harry Northington of Macon, which established a record of 124 eggs laid consecutively, from January 7th to June 4th, after taking a rest of about one week, resumed business on June 12th and has deposited an egg every day since, excepting one, making 135 eggs since January 8th. We would like to hear from anyone having fowls with a record better than that of "Deckie."

During the month of June 806,883 dozen eggs were shipped from Petaluma, Calif.

Walter W. Shafer, of Lexington, O., hatched a freak chicken by incubator which has no wings, is apparently healthy and vigorous and is doing well.

North Carolina Also

A. J. Cheek, of Henderson, N. C., reports that one of his White Orpington pullets laid a large well-shaped egg with hard shell on it, which weighed four ounces. He broke the egg and found inside another perfectly formed egg, the usual size, with hard shell on it. The space between the smaller egg and the extra large egg shell was filled with the white of an egg only, but the inside egg with hard shell on it also had one yellow and white, just the same as any other ordinary egg.

A writer in one of our exchanges says the A. P. A. is a "wonderful prestidigitator." It is now up to some of the enemies of the association to pull down their dictionaries and see if they can take any comfort to their unhappy souls.

The hen returned to her nest, only to find it empty.

"Very funny," said she: "I can never find things where I lay them."—Lippincott's.

Plenty of Dark Meat

A Southern farmer thought he heard someone breaking into his chicken house. Going to investigate, he called out: "Is anyone in there?"

"No, massa," answered a bass voice; "nobody but jas' us chickens!"—Ex.

J. E. McMillan, of Savannah, Ga., reports that on February 7th, of this year, he hatched by incubator 45 White Leghorns. On June 14 two of the pullets laid their first eggs, four months and seven days after being hatched. On the next day another pullet laid. Who, he asks, can beat this record?

Frank Palmer, of Horsham, near Hatboro, Pa., owns a White Wyandotte hen, a prolific layer. Recently she laid an egg which measured nine inches around the larger circumference and a trifle more than eight around the smaller. Her tremendous cackling brought Palmer on the run, and the egg and the heat nearly prostrated the farmer. When the shell was broken, this large egg was found to contain a second perfectly formed and shelled egg.

"And you made a small fortune out of poultry?"

"I did."

"Where do you keep your chickens?"

"I haven't any. I publish books on how to raise 'em."—*Washington Star*.



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ORPINGTONS WHITE—BUFF—BLACK BEST OF THE WORLD'S BEST BREEDS Nothing but stock with the very best blood lines in the world back of it would satisfy us. Eggs for hatching in season. Old or young stock for sale. Exhibition birds and Breeding Stock \$5 and up. Large number cockerels for sale. Let us know your wants and we will quote price and describe stock. We will guarantee satisfaction.

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Single Comb Buff ORPINGTONS

If you want the kind that lays every day in winter and wins in every show, try my **Imported Gold Medal Strain**. Price of Stock—Males, \$5.00 to \$20.00, Females, \$3.00 to \$10.00. Eggs \$3.00 and \$5.00 per 15, all the time. Write your wants.

MRS. LULA LAWSON, Route 4, Box 19, Cleveland, Tenn.

HARRY MARTIN, Poindexter, Ky.

BREEDS BARRED PLYMOUTH ROCKS

That won every Ribbon offered for Cockerels at Blue Grass Fair 1910, at Appalachian Exposition 1910, and Kentucky State Poultry Show 1911, and the lion's share of all other Ribbons on Barred Plymouth Rocks, including Cups, Specials, etc.

WINNERS AND SONS AND DAUGHTERS of WINNERS of my famous

"HOOSIER" BARRED PLYMOUTH ROCKS

at greatly reduced prices. Get price list and finely illustrated references to these birds. Improve the opportunity. **The Barred Rock Specialist**

PURL H. WEIKAL Box 77A11 Marion, Ind.

Dozier's Famous Barred Rocks

Best in the South. No stock for sale—sold out. Will begin to sell this year's breeders after May 1st. Eggs for Hatching—\$3 and \$5 per 15 up to May 1st; no eggs for sale after that date. Write for booklet. * * * * *

C. H. DOZIER & SON : Marion, Alabama

SMILEY'S SPECIAL HOUDANS

75 One Year Old Hens, all laying, \$1.25 each
These Hens are standard in all sections

T. B. SMILEY : Matthews, Ind.

A WONDERFUL INVENTION

CLARK'S DOUBLE ACTION COMBINED CULTIVATOR AND HARROW, can be used to cultivate crops in rows, as a Listing Harrow, and when closed together is a Disk Harrow cutting 4½ feet wide. Drawn by two medium horses. Jointed pole. Perfect centre draft. A labor saver. Send today for **FREE Booklet**.
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Strain

**Columbian
Wyandottes**

**Eggs
Half
Price**

T. REID PARRISH
LICENSED JUDGE

North Sta. Nashville, Tenn.

THE BEST

B. P. ROCKS

(Cockerel Mating)

CLARENCE YOUNG. Sweetwater, Tenn.



**LAMBERT'S
DEATH TO LICE**

insures clean fowls—large profits. Absolutely safe, sure and quick in results. If not at your dealer's, send 10 cents for sample of powder for hens, or of ointment for head lice on little chicks. Valuable booklet, "Eggs and How To Get Them" for 2c stamp.
O. K. STOCK FOOD COMPANY
333 Traders Bldg., Chicago, Ill.

From The "Show Me" State

John T. Appler, of Clayton, Mo., is the owner of a Light Brahma hen that recently laid an extraordinarily large egg. It measured 8½ inches in circumference the long way and 6½ the short way. Curious to know whether or not it would hatch, Appler put the egg under a hen and three weeks later he found twin chicks in the nest, one of them a Silver Wyandotte and the other a Light Brahma. The hen had been in a pen with a Silver Wyandotte male. Next!—*American Poultry Journal*.

Over at Concord, Tenn., the fair association is offering a cash prize of \$2.50 for the best pen of Shirofukas. Now, what is a Shirofuka, anyhow? It would certainly be worth the price of admission at Concord to see one.

Been Drinking Mountain Dew

A hen belonging to Virgil Johnson, of Glasgow, Ky., laid an egg the latter part of April that had upon one end of it the design in red of a snake, coiled and ready to strike.

The boys were trying to have an illustrated fable, says an exchange. The characters of the cock and the dog were readily taken, but no one seemed to be willing to take that of the ass. "I'll take that character," said a poultry breeder, "for I have just paid sixty dollars for a dozen eggs and feel thoroughly qualified to enact the part of an ass." The eggs didn't hatch.

Splendid Laying Record

I give below the laying record of one of my S. C. Rhode Island Red pullets from the first of January to July 8th, inclusive, of this year, making 189 days. This pullet had begun laying the latter part of October, 1910, and laid all during November and December, but I did not keep a separate record for her during those months.

January, 26 eggs; February, 24 eggs; March, 27 eggs; April, 25 eggs; May, 27 eggs; June, 24 eggs; July (eight days), 7 eggs; total, 160 eggs in 189 days of 1911.

On July 8th this pullet became broody, and I allowed her to set, as I thought she had done enough for the first six months of the year. This is a better record than I have ever had with my Reds (or any other breed, for that matter), and I should be glad to know if any of your readers have records that excel it.

Very truly yours,
Chas. M. Roberts, Minden, La.

It is estimated that the loss in eggs alone each summer to Tennessee is \$3,000,000. Think of the public improvements this \$3,000,000 would make. With this money we could build a highway from Bristol to Memphis, and if this loss were continued for ten years we could build a highway through every county in the state, a boulevard, if you please.—O. P. BARRY, Alexandria, Tenn.

If you confine broody hens, do not neglect to give them feed and water. Too often they are forgotten and allowed to suffer. If they must be confined, put them near the feeding pens, where you will be reminded whenever you go to feed the others.

SOMETHING TO CROW ABOUT
"HEN-E-TA"
ABOUT 30% PURE BONE ASH
NO OTHER BONE NEEDED | NO OTHER GRIT NEEDED
NO MORE BONE CUTTERS NEEDED
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WILL MAKE CHICKS GROW. VALUABLE BOOKLET FREE
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Eggs from prize-winning pens \$1.00 per 15. Hens from my breeding pens for sale \$1.25 to \$1.50 each. This offer includes birds that have won at numerous Virginia 1911 shows. H.C. ADAMS, Lynchburg, Va.

Mrs. Miller's Barred Rocks

Blue Ribbon Winners. Ten years experience in breeding this strain. The best for utility; lays the year around; the fowl for farmer and fancier alike. Don't wait until late in the season; order now and get the choice birds.

C. E. Spagh, Ruby, Ind., Strain.

MRS. W. P. MILLER, Route 3, Dalton, Ga.

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will cut tall grass, short grass and weeds, and do all the trimming along the fences, walks and drives.

If your dealers do not keep them, let us know, and we will send circulars and prices.

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Dixon, Illinois.

Brooksville POULTRY YARD

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A few high-grade Barred Plymouth Rock males and females for sale. The cockerels and pullets have been bred for health and vitality; also for egg-making, as they are from a hen that made me 221 eggs in one year. The sire of this stock is a fine show bird.

Cockerels, each, \$5 and \$7

Pullets, each, \$4 and \$5

Eggs for 15 for hatching, \$4.50

Eight eggs out of 15 guaranteed to hatch. Eggs at \$4.50 per 15 is 30c per egg, and if I fail to have the eggs to replace free of charge, I can return the amt. at 30c per egg, which change is easy to make.

SOLON NEFF

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Send us 50c in stamps and we will forward by return mail, prepaid, a 300-page illustrated book entitled "Hen and Chicks, or How to Make Money Raising Poultry," that is worth \$5 to any man in the poultry business. It gives facts and figures. No use experimenting all the time. Profit by the other fellow's mistakes. Money returned if not pleased.

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Send 75c and THE INDUSTRIOUS HEN, the leading poultry journal of the South, will be sent for one year with the book.

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The Industrious Hen, Knoxville, Tenn.

Shows and Associations

By the Exchange Editor

Southern Show Dates

Dublin, Texas, Aug. 29-31.
 Maryland State Fair, Lutherville, Sept. 5-9.
 Tennessee State Fair, Nashville, Sept. 18-23.
 Appalachian Exposition, Knoxville, Sept. 25-30.
 Oklahoma State Fair, Okla. City, Sept. 26-Oct. 7.
 Tri-State Fair, Memphis, Sept. 27-Oct. 4.
 Missouri State Fair, Sedalia, Sept. 30-Oct. 6.
 Alabama State Fair, Birmingham, Oct. 6-15.
 Crockett, Texas, Oct. 5-6.
 Georgia State Fair, Macon, Oct. 10-20.
 Texas State Fair, Dallas, Oct. 14-19.
 Miss-Ala. Fair, Meridian, Miss., Oct. 16-21.
 North Carolina State Fair, Raleigh, Oct. 16-22.
 Monroe, La., Oct. 24-28.
 Mississippi State Fair, Jackson, Oct. 24-Nov. 2.
 Mineola, Texas, Oct. 30-31.
 South Carolina State Fair, Columbia, Oct. 30-Nov. 3.
 Louisiana State Fair, Shreveport, Oct. 31-Nov. 5.
 Augusta, Ga., Nov. 6-11.
 Cotton Palace, Waco, Texas, Nov. 14-19.
 Texarkana, Texas, Nov. 15-17.
 Cleburne, Texas, Nov. 21-24.
 Pine Bluff, Ark., Nov. 27-Dec. 2.
 McKinney, Texas, Dec. 4-6.
 Little Rock, Ark., Dec. 4-9.
 Tupelo, Miss., Dec. 5-7.
 Athens, Ga., Dec. 5-8.
 Denton, Texas, Dec. 6-8.
 Morristown, Tenn., Dec. 7-9.
 Fort Smith, Ark., Dec. 11-16.
 East Falls Church, Va., Dec. 12-14.
 Comer, Ga., Dec. 12-14.
 Hillsboro, Texas, Dec. 12-15.
 Asheville, N. C., Dec. 12-15.
 Sulphur Springs, Texas, Dec. 14-15.
 Gatesville, Texas, Dec. 14-16.
 Taylor, Texas, Dec. 14-16.
 Chicago, Ill., Dec. 14-19.
 Hamilton, Texas, Dec. 18-23.
 Beaumont, Texas, Dec. 18-23.
 Benton, Ark., Dec. 21-23.
 Seymour, Texas, Dec. 28-30.
 Atlanta, Ga., (Ga. Poul. Assn.), Jan. 8-13.
 Henrietta, N. C., Jan. 11-13.

Secretary Barrett reports prospects very bright for the big show to be held at Morristown, Tenn., Dec. 7-9.

Supt. J. C. Vaughan reports that Lebanon and Wilson County, Tenn., will be at the Appalachian show in force.

At a recent meeting the Hammononton (N. J.) Poultry Association decided to hold its next annual show Dec. 6-7, 1911.

H. H. Verdery, assistant secretary of the Augusta Poultry Association, will be one of the judges at Hagerstown this fall.

The poultry show held in connection with the Scott County Fair at Georgetown, Ky., July 25-29, was a great success.

The premium list of the Appalachian Exposition show is now ready. Address I. E. Jennings, secretary. Knoxville, Tenn.

The annual meeting, election and big show of the American Cornish Club will be held in connection with the Baltimore show, Jan. 1-6, 1912.

The premium list of the great Allentown (Pa.) Fair poultry show can be had by addressing W. Theo. Wittman, Allentown, Pa. It's a beaut!

The Black Belt Fair Association, embracing the counties of Sumter, Greene, Hale, Perry and Marengo, will put on a poultry show at Demopolis, Ala., Oct. 31-Nov. 4. E. R. Berry, secretary.

A. J. Lawson, of Cleveland, Tenn., a member of the executive committee of the Appalachian Exposition show, is interesting the breeders in his section, and promises a big exhibit from Cleveland.

BALLARD'S BUFF ORPINGTON SALE

THE TIME IS RIPE---DON'T MISS IT

To make room for my one thousand growing, hustling youngsters and to give me quick cash to build more houses, I will sell about half of my choice breeders. Do you need a few good pullets or an extra cockerel? All 1910 hatched. You know the quality. Shipped on approval. Eggs also half price. Your last chance. Get my mating list quick.

W. H. BALLARD

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"Worth while." Are you acquainted with MISS HOUDAN? The greatest utility chicken on earth. Send for my catalog today, get posted on them, and you will never regret it. They are coming to the front.

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INDIAN RUNNER DUCK EGGS 12 \$2.00, 100 \$10.00. Ducklings day old, 50c each. Capons, a few on hand. Write for prices, etc.

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Buff Orpingtons, R. I. Reds, Black Minorcas, White Wyandottes, Barred Rocks, B. C. Bantams, White and Brown Leghorns

Highest awards at Jamestown, St. Louis, Memphis, Nashville, Birmingham, Montgomery, Florida, Atlanta, Huntsville and Chattanooga. Eggs, \$2.00 to \$5.00 per 15, from prize winners.

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White ORPINGTONS Buff OF QUALITY

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ARE STILL ON TOP

At the recent Augusta Show they won the silver cup for the BEST PEN OF ASIATICS For the Second Time. My birds have won some of the most coveted prizes at Madison Square Garden, Indianapolis, Augusta, Asheville, Charlotte and other shows. Season of 1909-10 they won over SEVENTY REGULAR and SPECIAL PRIZES. If you appreciate high-grade stock, it will pay you to write me for prices. They are not low, but are in keeping with the quality of the birds.

C. W. BEST

P. O. Box 101G

Charlotte, N. C.

Assistant Secretary American Buff Cochin Club

Life Member A. P. A.

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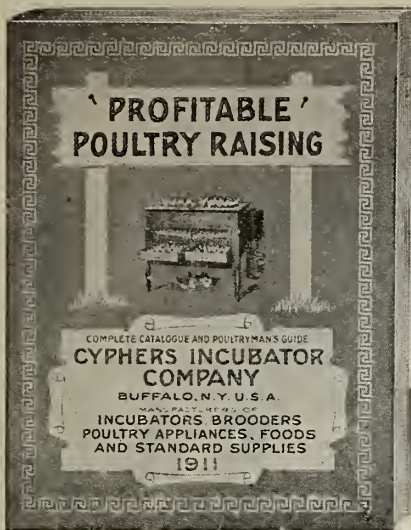
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| Brooder Stoves | Short-Cut Alfalfa | Egg Preservative | Bone Cutters |
| Leg Bands | Mealed Alfalfa | Fumigating Candles | Chick Markers |
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OUR COMPLETE CATALOGUE FOR 1911

Consists of 212 pages, 7½ x 10 inches, and contains an illustrated description of all goods we manufacture. Tells about freight rates, gives prices, etc. Full of money-making suggestions, helpful facts, instructive pictures, etc. Illustrates and describes our \$40,000 poultry farm—the largest in the world owned and conducted by an Incubator, Brooder and Poultry Supply Company.

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Judge J. C. Clipp, of the editorial staff of this magazine, will judge the second annual exhibition of the Eastern Indiana Poultry Association, at Portland, Jan. 9-13, 1912. H. V. Tormohlen, secretary.

Judges H. B. Savage and Chas. McClave will place the ribbons at the Pine Bluff (Ark.) show, which promises to be among the best shows held in the South this season. Address E. W. Phillips.

The Burke County Poultry Association will hold its second annual exhibition at Morgantown, N. C., Nov. 22-24, 1911. Great things are promised. C. D. Forney, secretary; W. W. Matthews, superintendent; R. L. Simmons, judge.

E. S. Eby, secretary of the Ouachita Poultry Association, under whose auspices a big show is to be held at Monroe, La., Dec. 7-9, writes us that he expects to bring a grand string of Buff Rocks to the Appalachian Exposition next month.

The Central Kentucky Poultry Association will hold its first annual show at Winchester, Dec. 13-16, 1911. The officers of the new association are, S. V. Alexander, president; N. J. Barnes, vice-president; W. K. Cumming, secretary, and B. S. Bartlett, superintendent.

William Cook & Sons, of Scotch Plains, N. J., will give \$50 silver cups at the following Southern shows to breeders who advertise "Cook Strain": Appalachian Exposition, Knoxville; the Southern International, Atlanta; New Orleans, La.; Dallas, Texas, and Charlotte, N. C.

The poultry show to be held in connection with the Pensacola (Fla.) Inter-State Fair promises to be one of the biggest in the South this fall. W. L. Wittich, Jr., the well-known White Rock breeder, of Pensacola, will be glad to send you a premium list.

The judges selected for the big Southern International poultry show to be held in Atlanta, Dec. 11-16, are as follows: Percy A. Cook, Scotch Plains, N. J.; U. R. Fishel, Hope, Ind.; E. B. Thompson, Amenia, N. Y.; John W.

Foley, Roysford, Pa.; H. B. Lansden, Manchester, Tenn.; Mrs. S. H. Graves, Southboro, Mass.; Mrs. Florence Forbes, New Decatur, Ala.; H. H. Verdery, Augusta, Ga.; Mrs. J. C. Shofner, Mulberry, Tenn., and George Ewald, Cincinnati, Ohio. Three others are yet to be selected. Harry E. Jennings, of Knoxville, Tenn., has been named as superintendent.

Three thousand dollars in gold, to say nothing of the many handsome silver cups and specials, will be distributed in premiums at the Southern International Poultry Association show, to be held in Atlanta, Dec. 11-16, 1911. For full information and details address Thos. M. Poole, secretary, P. O. Box, 943, Atlanta, Ga.

The catalogue and premium list of the poultry show to be held in connection with the Bradley County Fair, Cleveland, Tenn., Oct. 3-6, 1911, will be ready about Aug. 1st. They are preparing to coop 3,000 birds, and their cash and special premiums are liberal. L. B. Audigier will deliver an address on the last day of the show. D. M. Owen and J. A. D'nwiddie, judges; A. J. Lawson, secretary; A. M. Wilbur, superintendent.

The third annual exhibition of the Alabama Exposition poultry show, to be held at Montgomery, Ala., Oct. 16-22, inclusive, promises to eclipse all former shows, and is now recognized by breeders as one of the very best shows in the South. The Alabama Poultry and Pet Stock Association will combine with this exhibit, making it one of the best features of the Exposition. Premium lists are now ready, and are worthy of notice. The specially prepared poultry building is an ideal structure, and all birds will receive the best of care and attention. Loring Brown, of Smyrna, Ga., will judge the show. Address R. L. Todd, director, Montgomery, Ala., for any information.

With a complete standard classification, carrying over \$2,000 in cash prizes, offered by the management of the fourth annual Colorado Inter-State Fair and Exposition for a poultry exhibit to be



COCKERELS \$2.00 EACH

Three for \$5.00, Six for \$9.00
From my \$10.00 egg March hatch

I have "BROWN BEAUTY" females which began to lay at 4 months and 10 days old. These Cockerels are ideal for producing early and persistent layers. Place your order to-day.

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Investigate the opportunities that Michigan offers the home-seeker. Each issue of The Fruit Belt describes some section. Send 10 cents for 5 big special numbers. We have no land for sale.

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Eggs for sale at \$2 to \$3 per 15.
Wyandotte cockerels for sale.

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BARRETT'S Blue Ribbon Strain Mottled Anconas

Are the kind that win and lay. Also S. C. Rhode Island Reds, White Orpingtons, Indian Runner Ducks and Toulouse Geese. A few choice cockerels and ducks for sale.

L. M. BARRETT, Morristown, Tenn.

BUTTERCUPS, S. C. B. MINORCAS WHITE WYANDOTTES

Eggs balance of season \$1.00 per 15
Young stock for sale Oct. 1st.

J. B. SANDER, Route 6, Paducah, Ky.

held in connection with their event, Sept. 11-17, it is contemplated to bring out the largest and best exhibits of birds ever shown west of the Mississippi River. Premium lists and information may be obtained by addressing its secretary, G. A. Wahlgreen, Opera House Building, Denver, Colo.

Dr. W. C. Cleckley, president of the Augusta Poultry Association and the best known fancier of B. B. Red Game Bantams in the South, has been engaged as judge of the Bantams at Allentown, Pa., one of the largest fall poultry shows in the United States. We congratulate Allentown.

The Falls Church Poultry Association will hold its first annual show at Odd Fellows' Hall, Falls Church, Va., Dec. 12-14, 1911. Mr. Charles T. Cornman, of Carlisle, Pa., has been engaged as judge, using the comparison system, and the catalogue with list of cash and special premiums will be issued by Nov. 1. It is their aim to make the show a first-class exhibition in every respect. For any other information, address H. E. Demarest, secretary.

What promises to be the most representative show of this season in the South will be held in Atlanta under the auspices of the Georgia Poultry Association, Jan. 8-13, 1912. Breeders in every section of the South are looking forward to this show and from all indications its exhibitors will be truly representative of the South, coming as they will from every state in it. Atlanta invites you to make this show the Madison Square Garden of the South—Atlanta Georgian.

The poultry show which will be given during the holding of the 1911 Georgia State Fair, at Macon, from Oct. 10 to 20, gives promise of eclipsing any poultry show before held there. To encourage the breeders and raisers to exhibit their birds, the Georgia State Fair Association is offering cash premiums to the amount of \$1,000, and in addition to this amount will have over seventy-five silver cups, premiums in gold and other special premiums.

The Southwest Virginia Poultry Association will hold its next annual show at Abigdon, Va., Jan. 9-12. F. J. Marshall, College Park, Ga., Judge. Secretary M. H. Smith writes that from the great interest breeders are taking in that section, and judging from the fine lot of breeders coming on, they expect to have a great show. The boys at Abigdon know how to do things—they invite us to be present. "We extend to you an invitation to be with us at our show, and we will try our best to show you that we appreciate what you are doing for the poultry industry, by giving you a real good time, and showing you some good birds." With such a cordial invitation extended us and such inducements offered as these, we will just have to arrange to be present.

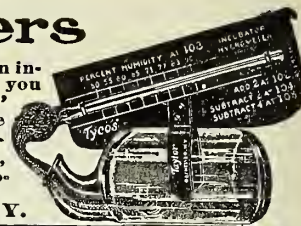
The poultry show held last winter in Topeka, the beautiful capital city of Kansas, went down in history as being one of the best and most successful shows of the year. Poultry from seventeen states found their way into the Kansas town. The judging last year was done by comparison, and eight of the world's best judges were employed. This year the show will be held Dec. 4-9.

"Tycos" Hygrometers

show the amount of moisture (humidity) in incubators. Don't risk eggs, time and money when you can insure hatches with "Tycos" instruments. A "Tycos" Thermometer is the Quality Mark in an incubator. Buy the machine equipped with it. Insist on the genuine. "Tycos" Incubator Thermometers, each, 75c. "Tycos" Incubator Hygrometers, each, \$1.50. Send for free booklet, "Incubator Thermometer Facts Worth Knowing."

Taylor Instrument Companies

ROCHESTER, N. Y.



A HINT TO FARMERS

An Ancona Cockerel mated to the farm flock will do a great deal toward increasing the egg yield as they represent the best blood in egg production. We have one hundred young cockerels that we are going to sell to thrifty farmers, who want to improve their farm flocks, by the introduction of new blood. They are priced at \$2.00 each, and we guarantee satisfaction. Send for our mating list.

DISMUKES & ARRINGTON

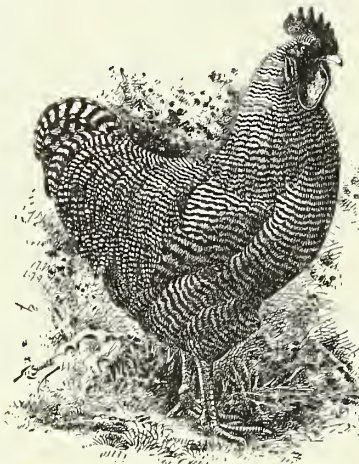
Castalian Springs, Tenn.

EGGS FOR SALE

From prize birds, full blooded stock; none better. **BARRED PLYMOUTH ROCKS** and **SINGLE COMB WHITE LEGHORNS**, 15 Eggs for \$1; \$6 per hundred. **STOCK FOR SALE.** Orders filled at once.

E. LEE

Cortez, Florida.

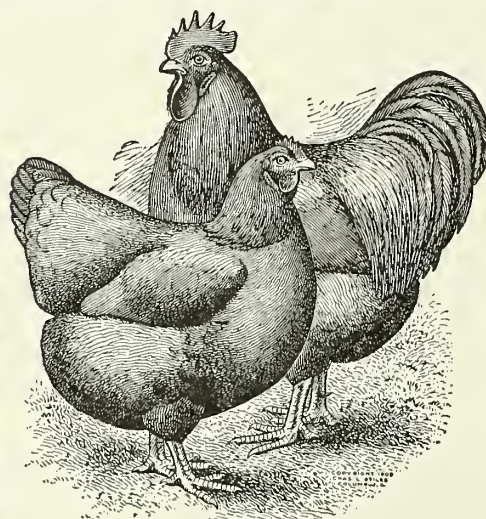


ROYAL STRAIN BARRED ROCKS

Have won for us in the past two years at the following shows and they will win for you. 2d cockerel, 2d and 3d hen, 4th pullet, 2d pen, Greenville, S. C., 1909; 4th cockerel, Spartanburg, S. C., 1909; 1st pullet, Charlotte, N. C., 1909; 3d cockerel, 1st hen, Atlanta, Ga., 1910; 1st cock, Augusta, Ga., 1910; 4th cock, 2d and 5th hen, Charlotte, N. C., 1910. **EGGS**—\$3.00 per setting of 15; two setting for \$5.00. Incubator eggs, \$1.50 per 15; \$8.50 per 100.

DES-RENA POULTRY YARDS
GREENVILLE, S. C.

LAYERS and PAYERS



Royal Orpingtons

WHITE—BUFF—BLACK

Eggs for hatching

\$5^{Per}₁₃ \$9^{Per}₂₆

SHOW STOCK

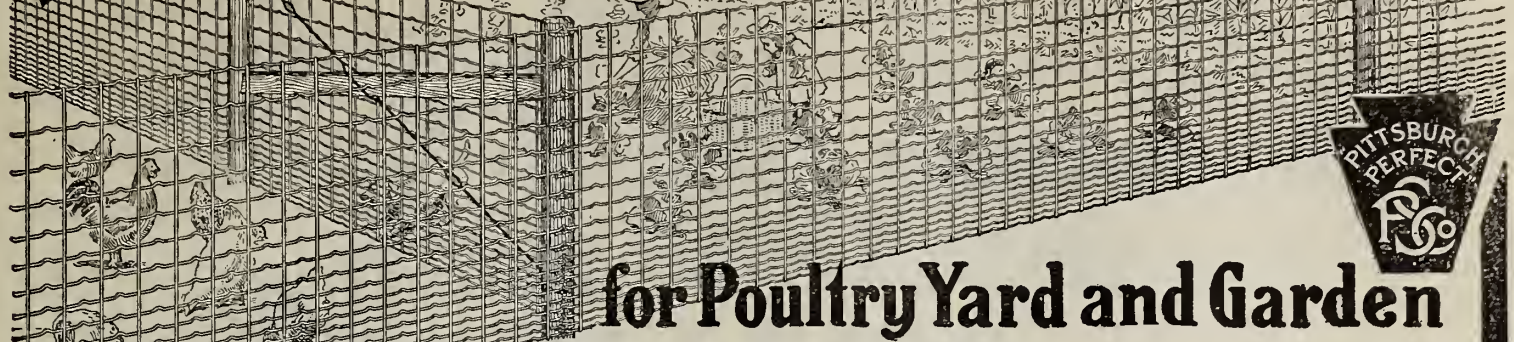
\$3.00 to \$500 per head.

Eggs for hatching from \$3.000 pen of Royal Columbian Plymouth Rocks \$3.00 each. Stock and eggs shipped to any part of the world. Let us know your wants.

WOODWORTH FARM, WILTON, CONN.

Eggs for hatching from utility stock one-half of above prices.

"Pittsburgh Perfect" Fence



for Poultry Yard and Garden

Set your posts solidly, especially the end, corner and brace posts; stretch your fence until the wires "sing" with tension, and then you have a fence affording that distinctive appearance and perfect service possible only with a "Pittsburgh Perfect" Fence properly erected. And it costs no more than an inferior fence!

Open Hearth wire, used exclusively in "Pittsburgh Perfect" Fence, possesses the toughness, strength and great durability of old time iron wire, and is galvanized thoroughly with pure zinc, which resists rust and corrosion for the longest time.

Line and Stay Wires are Electrically Welded at every point of contact, which transforms the fence into practically one solid fabric of wire, investing it with a tensile strength impossible by any other method of manufacture. Because of the Electric Weld, the wires cannot be slipped, pulled, broken nor rusted apart at the joints. Under any and all conditions "Pittsburgh Perfect" Fence withstands hard usage, time and the elements longer than any other.

Write for catalogue showing 73 styles and sizes, adapted to every FIELD, FARM, RANCH, LAWN or POULTRY purpose, or look up the best dealer in your town—he handles "Pittsburgh Perfect" Fence exclusively

PITTSBURGH STEEL COMPANY, Pittsburgh, Pa.

Manufacturers of "Pittsburgh Perfect" Brands of Barbed Wire, Bright, Annealed and Galvanized Wire, Fence Staples, Standard Wire Nails and "Pittsburgh Perfect" Fencing.

Poultry Diseases

J. A. THORNHILL, Hartselle, Ala.

Question—Kindly answer the following question: "I have been breeding S. C. White Leghorns for seven years. My stock to begin with were strong and healthy, but of late I am having trouble with my chicks. When newly hatched they are weak, slow in developing and I have lost over half that I incubated this spring."

Answer—If your feeding, housing and other methods are right, you are in-breeding too closely. There is a method by which one can line breed safely, but if this isn't used, a new male should be gotten from a breeder who does line breed, and every two years a male for twenty-five hens on free range, and fifteen yarded should be purchased from the same man.

Question—"I want to get my boy a position on a poultry farm in the South, so that he can learn the business. Can you direct me to a reliable establishment?"

Answer—Write several of the large display advertisers in THE INDUSTRIOUS HEN.

Question—"I am worried, heart-sick; my young chickens have been dying all spring, and now my young turkeys are all trying to die, apparently from the

same cause. I know it isn't weakness caused by too close in-breeding, unhealthy breeding stock, lice or mites. The young chicks and poults seem to be strong and healthy when first hatched, and remain so for from one to twelve days, when they will get weak and pant for breath, and die from one to twelve hours after becoming afflicted. Some sit down and go to sleep and die; others die on their backs. There is a little sign of bowel trouble among some and others show no signs at all. The chicks and poults that lived to be four or five weeks old got well and seem to do well. I have lost 75 per cent of my chicks and have already lost about 35 per cent of my poults. They will eat hearty to the last. Their crops are usually empty after death. The weather is ideal here for turkey growing and mine have the run of six acres, four in wheat and two in woods. I started the poults on hard-boiled eggs, continued this feed for two weeks, gradually changing to egg corn bread. Have used Douglass mixture in the drinking water for two weeks, but the trouble keeps right on. From the above diagnosis of the case, if you have anything to offer, please divulge it through the columns of your valuable journal."

Answer—If your feeding is right, the sleeping quarters kept clean and the young stock not crowded too much, the trouble is either too close inbreeding, unhealthy breeding stock, getting too warm during incubation and after, or else your youngsters are bothered with head lice.

S. C. W. LEGHORNS

200 Pullets and Cockerels MUST BE SOLD. Price less than one-half value. Bred for laying for 35 years. Prize-winners and big layers. None better anywhere at any price. Write us. **Specifications for Dry Feed Hopper, 25c.** Pronounced by poultrymen and poultry shows the best hopper made.

K. B. TRASK, Sec. 832 Long St., Jackson, Tenn.

FERTILITY

The Magic Egg Tester will show the infertile eggs BEFORE incubation. Price \$2.00 each. Buy of your dealer or of us. **Fully Guaranteed.** By mail on receipt of price, or write first for circular and facts.

MAGIC EGG TESTER WORKS, Dept. G, Buffalo, N. Y.

Wingert's Indian Runner Ducks

True Fawn and White Strain. Egg half price. A limited number of choice breeders for sale to make room for young stock.

J. J. WINGERT, Box W. Crawfordsville, Ind.

75c Pays for one year's subscription to **The Industrious Hen** and a copy of "Hen and Chicks," or **How to Make Money Raising Poultry**, a 300-page illustrated book on poultry.

R. C. RHODE ISLAND REDS

First class stock or eggs at reasonable prices. Send for mating list.

PEYRAT & ROY, Box 32X, Jeffersonville, Ind.



A \$2,000,000,000 Poultry Product Builder

Oculum, based on U. S. Government diagnosis, comes to the relief of the long-suffering poultry producers with this momentous assertion: "I can inoculate your fowls and increase the annual value of the poultry of the U. S. from \$1,000,000,000 to \$2,000,000,000. Let me help you." Oculum has overcome and thrust to the heart, White Diarrhea, Cholera, Roup and Gapes.

You can raise fowls in any quantity at a sure profit.

Oculum destroys the Cholera, Roup and White Diarrhea germ that kills yearly $\frac{2}{3}$ of all fowls hatched, and also the Gape Worm.

OCULUM

From Bradley Bros., Lee, Mass

"Oculum" appears to be the long-needed remedy for cases of liver and bowel trouble, heretofore regarded as incurable. Have tried it also with satisfactory results upon a few cases of baby chicks—"incurables"—which bid fair to fully recover.

From A. G. Dustin, Rose Lawn Poultry Farm
South Framingham, Mass.

I enclose \$1.00 for bottle of "Oculum." I broke my bottle accidentally and find I cannot keep house without it, not so much for a cure all as for a smart tonic. What about handling this for you?

Farm, J. C. Fishel & Son, P. J. Armstrong, Mrs. Geo. A. Ruessler, N. R. Reynolds, Lewis T. McLean, Hugh Ross and hundreds of others.

Don't cling to the exploded theory that "nothing will cure," but join the army of money-making poultry raisers, who, after demonstration, are marching to success with the Oculum banner waving in the breezes.

Join now. For sale in two sizes, \$1.00 and 50c. by all progressive dealers and druggists. If yours does not handle it, send us his name and address. On receipt of price, Oculum will be mailed direct to you. Circular with Government diagnosis of Cholera and White Diarrhea free.

Order now and help make poultry a \$2,000,000,000 industry. Sample with dropper, 10c. 7

Hancock Inoculum Company, Inc., Box M, Salem, Va.

Blow the down back on neck of chicks and see if there aren't nits attached to them. Five cents worth of fish berries, crushed and placed in a pint of whiskey and rubbed on the neck, under the throat and on the head of chicks and poults will kill the lice. Apply every ten days.

Question—"Hens kept solely for infertile egg production, having free range and good grass, not exceeding twenty-five hens per acre, with proper housing, water and grit—how much grain would be required to support the hens in the best laying condition during the seven or eight months that insects and worms would be a natural food?"

Answer—A quart of grain to ten hens once per day would be about right. The best plan is to go among the stock at night, feel of their crops. If full and tight like a ball, too much is being given; if flabby and seeming empty, not enough is being fed; but if full, yet soft, they are getting the right amount. Oyster shell should be supplied your stock, too.

Question—"I am raising chickens on a small scale and am about to lose all of my young ones. Not only the babies, but those from six to eight weeks old. They seem to have dysentery. I thought this disease only affected the baby chicks. My premises are clean and I can see no cause for the trouble."

Answer—If your feeding is right, no lice, chicks not crowded too much, plenty of exercise, the trouble is White Diarrhoea. There are many things attributed to its cause, but no positive cure has been found. "Oculum" is a remedy that is said to be good. I'd sell out, thoroughly clean up and disinfect and restock my place. Zenoleum is a good disinfectant to use.

Question—I have 128 acres of land. The wife of my farm hand is to raise fowls on shares. I want to get you to give me plans for a hen house that will

accommodate 50 hens, all the year round. No incubator will be used, so kindly give me plans to care for setting hens, too.

Answer—If you are going into poultry culture extensively, I'd suggest the colony house system, which is a few hens, say 25, into a house 16 ft. by 8 ft., 5 ft. back and 7 ft. front. Shed roof would be all right for this style. Place these houses about 200 feet apart. Make the furniture plain; arrange it so as to be easily moved; let roof extend out 18 inches over the front, and 12 inches over both ends and the back. Build the houses on an elevated site, bank up around the outside, and fill the inside about 3 or ten inches above the surface. Build small "A" shaped coop for the brooding hens. I always place these out into the fields, keep the hens confined, move the coops often, and find them to be very satisfactory.

Oculum

Now that hot weather is here we should suggest that our readers try a small bottle of Oculum and report to us. If it does what many of the big breeders claim it has done, it should be given the widest publicity, in fact, there is no accurate way of figuring the value of a medicine that will cure Cholera in old fowls and White Diarrhoea in chicks.

Oculum is sold by many druggists, but for sample send 25 cents to the Hancock Inoculum Co., Salem, Va. We would like to have our readers report on this new remedy after giving it a fair trial.

Better Stock Than Ever

Mrs. Lula Lawson, of Cleveland, Tenn., reports that she has raised this year 50 per cent more in number and has 75 per cent better quality chicks from her Imported Gold Medal Strain of S. C. Buff Orpingtons than she has ever reared in the past, and is now ready to take care of all orders large or small.

KIMBALLVILLE

Stock, Dairy and Poultry Farm
Operated in connection with

THE NEW KIMBALL

Atlanta, Georgia.

WILL V. ZIMMER, Proprietor.

Poultry Specialties

S. C. White Leghorns, Crystal White Orpingtons, Kellerstrass Strain Indian Runner Ducks.

Show and Utility Stock for Sale.
Write us for prices.

Carter's World's Fair Strain of

Brown Leghorns

500 Regular and Special Premiums, including many Silver Cups. Compare this record with other breeders before placing your order for stock.

COCKERELS and PULLETS for Sale October 1st. ❖ ❖ ❖ ❖

E. E. CARTER

KNOXVILLE, TENNESSEE
Dept. I. H. 967 Broadway

MAMMOTH BRONZE TURKEYS

Barred Plymouth Rocks, Best quality; prize-winning strains of each. MRS. W. J. LANDESS.
EASTVIEW POULTRY YARDS
Route No. 5 : Fayetteville, Tenn.

TURKEYS

Poult and Weather

Never allow turkeys to get wet with either dew or rain until they reach the 'two months' age. After they reach this age, says a raiser, they are content to withstand quite a lot of rambling and wet grass, although it is best that they be kept perfectly dry until fully feathered. But if they have a careful mother as most turkey mothers are, she will protect them from all harm during rain storms, etc.

It must be remembered that if the poults suffer from a drenching rain or heavy dew they are seldom ever raised. While a turkey mother seems to fully understand all this, and will carefully cover them for hours after a hard rain, it is preferable to get them in a coop at the approach of a threatening rain storm. The best turkeys raised are those given up entirely to the turkey mother which I think is the best plan for successful turkey growing, but it will be found best to assist the mother during these heavy rains.

If the turkey hen is not bothered with over twenty poults she can easily master all obstacles that come her way. Of course, if some wild animal, such as foxes, minks, etc., something that can easily overpower her, comes along, she can do but little to save her brood, but in ordinary cases, you may risk the turkey mother's judgment as they fully understand every phase of the art of brooding, and will do a much better job of it if you will allow her the free use of her will, only to see that she brings her brood home at night.

Rules for Turkey Raising

Never breed from small, light stock, from closely related stock, from immature stock; one parent must be full grown if the other is young.

When hatched leave the young over night with the mother. Next day lift the mother gently and place her in a large, dry coop with the entire brood. Feed the poults on hard boiled eggs, chopped fine, boiled rice and soaked bread, every two hours from early morning until night.

After a week add oatmeal and barley meals, gradually weaning them from the bread and egg diet, and have finely chopped onions if possible added to all the diets and reduce the number of meals to four or five.

Use dandelion and rice as a corrective of diarrhoea, to which the youngsters are prone.

At three weeks or a month five meals are enough and may consist of oatmeal porridge, boiled corn meal, boiled rice, and a mixture of small grains at night, such as canary millet and hemp seed.

Change the coop to fresh soil every day, dry soil, and see that the poults have plenty of grit in their food. Have them, if possible, on gravelly or sandy soil.

An amateur can purchase a \$20.00 trio of Mammoth Bronze Turkeys and in one year's time, with good management and careful advertising, sell \$200.00 worth the first year. The demand is great and supply short. Last season a prominent Southern breeder sold over \$700.00 worth of breeders

LOUISIANA STATE FAIR

SHREVEPORT, LA.

Sixth Annual Poultry Show OCT. 31 to NOV. 5, 1911

\$1,000.00 IN CASH PREMIUMS---MANY SPECIAL PREMIUMS

Entry---Single 50c, Pens \$1.00

This Will Be THE Poultry Show of the SOUTH

D. M. OWENS, Judge,
Athens, Tennessee.

S. M. WATSON, Supt.
Shreveport, La.

For Catalog and Premium list write to

LOUIS N. BRUEGGERHOFF, Secty., Shreveport, La.

Arkansas State Fair Ass'n Poultry Show

Hot Springs, Ark., Oct. 9-14, 1911

Member American Poultry Association.

New Poultry Building---Exhibition Coops

Liberal Premiums. A. P. A. Rules. Visitors from
all parts of the world.

NO HUCKSTERS---A SQUARE DEAL

C. A. EMRY, Judge.

GEO. A. ASHLEY, Superintendent.

J. L. WADLEY, Secretary.



THE SECRET of the high endorsement and miraculous cures of SIXEAS CHOLERA AND ROUP COM-
POUND is that it is the accumulation of the world's knowledge of poultry diseases and remedies based on our wide poultry experience. It is a scientific germ-killer, put up in tablet form, easily and quickly dropped in the drinking water and feed, and is a sure cure for cholera, white diarrhoea, roup and kindred ills, and is the only known preventive and cure for the deadly disease, black head in turkeys. If your poultry is sick, not laying or thriving, write me their troubles today and we will send their cure tomorrow. Those who follow our advice do not lose 2 per cent of their poultry. We sell our Cholera and Roup Compound with advice at 50 cents by mail, our famous Lice Killer at 25c by mail; Egg Producer Powder at 25 cents by mail. Reliable agents wanted. GEORGE SINEAS, New Castle, Va.

EADY'S S. C. RHODE ISLAND REDS EGGS AT HALF PRICE

We will sell you eggs from May 15th. until November 1st, at half price, from \$1.00 to \$2.50 per setting of 15 eggs. We have some nice young hens and cocks for sale at a reasonable price.

C. W. EADY, Guntersville, Ala.

DUCKS AND GESE

Water Fowls for Exhibition

Water fowls are the easiest of all poultry to prepare for exhibition, and yet one finds them, as a rule, in the poorest condition of any class in the show.

There are few people that care anything about them. I am fond of all water fowls, Embden geese and Pekin ducks are my favorites and swans are the most beautiful ornamental fowl we have.

The first thing is to make up a list of the fairs and shows, with dates, where one wishes to exhibit. After this is done, select the number of fowls that are to be shown and put them in a clean, grassy yard. About five weeks before time to exhibit, pick them carefully, removing all the feathers possible, being careful not to pull the down. Remove all the stiff wing and tail feathers also.

They must be well fed on a variety of food, but do not overfeed, as this would put them out of condition. If at any time they do not come readily for their feed, omit that feed and they will be ready for the next one. Never feed more than they will clean up well in a reasonable length of time.

I find the best food for them is: Bran, one part; shorts, one part; corn meal, two parts; with a little cotton seed meal, and a good grade of meat meal with plenty of green food. Keep grit where they can get it when they like. Keep plenty of fresh drinking water before them all the time in vessels deep enough to allow them to get their heads in above their eyes.

If geese are used to free range, it would not be a good idea to pen them. Have a place to feed them where the other fowls will not bother them too much and they will do better. Left on the range, if they have a good green pasture to forage on, it will not be necessary to feed them green food, as they will get what they need. A feed of whole corn once a day is good for geese and they will not tire of it.

The day before time to ship them to the place of exhibition, give them access to a pond or tank of water so they can wash and clean themselves.

Before cooping them, oil their feet and bills with sweet oil and polish with soft clean cloth.

Ducks are hard to ship any distance and stand a chance to win, for they lose flesh so rapidly when cooped. They will not eat anything for the first few days and will lose about a half pound of flesh per day, which makes it hard on the duck fanciers. Another thing that is also hard on water fowl breeders is that their exhibits are never judged until the last.

If one loves their fowls enough to look after them and see that they are in the best of condition when started to the show, and, when possible, go along with them, there will seldom be cause for complaint. No one can go to a drove of ducks or geese, pick out what look to be the best, put them in a coop and ship to a show, and expect to win if there is any competition at all. It requires time, patience and work to properly fit them for exhibition.—Mrs. H. P. Hinton in *Poultry Tribune*.

INDIAN RUNNER DUCKS

Full Feathered Ducks \$1.25 each, Baby Ducks 25c. B. P. Rocks and Mottled Anconas. Eggs and Stock for sale. A Number of nice White Leghorn Pullets, Holston Strain, \$1 and \$2 each.

RIVERVIEW POULTRY FARM, W. F. Bayless, Prop., Morristown, Tenn.



Rhodes' White

Indian Runner Ducks

A large lot of fine breeders for sale. Originator of the Rhodes Strain. Fawn and White Runners; a fine lot of standard bred breeding and exhibition birds.

MRS. A. N. RHODES, New Castle, Ind.

S. C. White LEGHORNS

WYCKOFF-YOUNG STRAINS

500 Pullets for sale from large, high scoring White Birds. Member National Single Comb White Leghorn Club.

MRS. LOUIS DOWNER : : : Guthrie, Kentucky

Mapleton Poultry Yards

Are selling eggs from prize-winners. Choice of pens at \$2.00 per setting of 15. Write for mating list if **GOLDENS** are what you want. We breed only **GOLDENS** and are glad of it. Member National Golden Wyandotte Club.

Mapleton Poultry Yards, G. A. Harris, Proprietor
Station B, NASHVILLE, TENN.

1500—Wilber's Bred-To-Lay—1500

S. C. W. LEGHORNS

20 Years Blue Ribbon Winners in America's Best Shows. Unexcelled as layers—The money makers. **Grand Breeding Cocks, Cockerels, Hens, Pullets, \$2, \$3, \$5. Extra fine ones \$10.** Birds for any show—**QUALITY COUNTS.** Registered Berkshire Hogs; The Great Meat Eaters. Write your wants. Satisfaction guaranteed. Ca alog for stamp.

WILBER BROTHERS, Route 4, Box G. CLEVELAND, TENN

Gabhart's S. C. W. Leghorns

My breeders now for sale, **Hens \$1.50 to \$5.00, Two Cocks left \$10 each.** Young Stock ready for the fall shows of the best breeding only. Remember these have been line bred for seven years, and I have a show record unequalled at the Appalachian Exposition, Cincinnati, Louisville, Nashville, Lexington and Kentucky State Fair. Start right with the best in the south. Every bird guaranteed.

W. E. GABHART, Box M, Bohon, Kentucky

WHILE THEY LAST

75 February Hatched S. C. Buff Orpington Cockerels at \$1.50 each. All from line bred, tested stock. Some of them will develop into winners, and any of them will improve your flock.

GEO. M. WELLS & DAUGHTER : : Pine Bluff, Ark.

SICILIAN BUTTERCUPS

—DUMARESQ STRAIN—

Stock from Ribbon Winners for sale. If you want genuine Buttercups, send for my circular.

MRS. J. S. DUMARESQ, Cato's Hall, Easton, Md.

LEC BANDS

Send name now for many free samples and prices. Most complete line of highest quality bands for every use.

SMITH SEALED. Used by America's leading fanciers. Prices: 12, 30c; 25, 50c; 50, \$1.00; 100, \$1.50; 500, \$6.50; 1000, \$12.50; postpaid.

LEADER ADJUSTABLE. Smoothest and most secure fastening ever invented. Prices postpaid: 12, 15c; 25, 25c; 50, 40c; 100, 65c; 250, \$1.50; 500, \$2.75; 1,000, \$5.25.

Samples of these and many other styles free if you send postal now for booklet.

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The FAVORITE BAND
THE BEST IN THE WORLD

12 for 15c, 25 for 25c, 50 for 40c, 100 for 65c.

CHAS. L. STILES
30 Columba Bld. COLUMBUS, OHIO

POULTRY PRINTING

Trial Offer, 100 Note Heads, 100 Envelopes 75 cents, with cut of your breed. We use Stiles' Cuts. Samples 10c, returned on first order. Address

Poultry Printers, Box 10-H, Sugar Grove, N. C.

S. C. BUFF LEGHORNS

Eggs, layers, breeders, winners

P. M. BROWN : : Paducah, Ky.

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ALL the NEWS ALL the TIME!

White and Barred ROCKS

Robinson breeds two of the best strains of White and Barred Rocks. Eggs from choice pen, \$1.50 per 15; others \$1.00 per 15. A few nice cockerels for sale.

R. D. ROBINSON : White Hall, S. C.

POULTRY FARM FOR SALE

Three miles from Knoxville, one mile from car line, on pike, 10 acres good strong land—about one acre in timber; splendid building site.

L. B. AUDIGIER, Knoxville, Tenn.

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Get this magazine before you start with Orpingtons. 25c a year or send 50c and include any 50c poultry magazine. Sample copy free.

MILTON BROWN : Sta. L, Cincinnati, O.

Here is the **Paper you are looking for**

You can make money from your poultry if you read the **IDEAL POULTRY JOURNAL**. Each issue is full of poultry information. Illustrated Profit-Increasing Articles, telling all about successful, natural and artificial incubating and brooding, profitable broiler and roaster raising and egg production; mating, exhibiting and judging, building poultry houses, coops and fixtures. Various departments including a **Breeders' Information Bureau** (free) published monthly, 50 cents a year.



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As an inducement for new subscribers, we will send **IDEAL POULTRY JOURNAL** four months for 10 cents in coin or stamps. **NOW IS THE TIME.** If you are not satisfied with the **IDEAL** at the end of the four months, write and tell us and we will cheerfully refund your money. Breeders everywhere recommend it. Send ten Cents to **IDEAL POULTRY JOURNAL COMPANY**
827 Perdido St. New Orleans, La.

With the Magazines

The fourth installment of Guglielmo Ferrero's "The Women of the Caesars" will deal in the August *Century* with a black and tragic period in Roman history, and the characters of Tiberious and Agrippa.

The issue of *Harper's Weekly* for July 15th contains an amusing criticism of our railroad travel, entitled "John Bull Visits America." In an article entitled "Fifty Years Ago," the condition of the country is retold.

"The true explanation of the abandoned farm," says Walter Prichard Eaton, writing of the deserted homesteads in New England, in "The Abandoned Farm," in the August *American Magazine*, "lies not so much in the native quality of the farmers—or their supposed lack of quality—as in the fact that a pioneer society cannot exist surrounded by civilization."

Book Reviews

"Fertilizing for Profit," by E. E. Miller, Managing editor of the *Progressive Farmer*, Raleigh, N. C., is the title of a most valuable book of over 100 pages that should be in the hands of every southern farmer. The book deals with the different grades of fertilizers and what they are; how to tell what fertilizer your soil needs; the special needs of different crops; best methods of applying fertilizers; keeping up the soil fertility; when and how to apply stable manures; the proper use of lime and other interesting chapters. The book serves to stress the more important facts which the farmers of the South seem to forget. It has met with a hearty welcome, more than ten thousand copies having been sold since it was printed last October. The volume is substantially bound in silk cloth, and should be in the library of every southern farmer.

Many Uses for Eggs.

It is said that the calico printers use more than 40,000,000 dozens of eggs each year, and that the coffee roasters, the photographic trades, the cracker and biscuit combines, and the chemical trades consume more than twice as many. Large quantities are also used in the leather trades for tanning, etc. They are also used in the preparation of many patent foods, and the liquor trade takes no inconsiderable number. For many of these uses, inferior grades of eggs are used—not because they are better, but because they are cheaper. One biscuit company in New York city buys 4,000 eggs every week.

The small flock pays best because there is a certain amount of food and labor that practically costs nothing.

Ten days is long enough to fatten if the fowls are kept in confinement and properly fed and cared for.

Poultry Profits Doubled

1 bring 30¢

1 bring only 15¢

CAPONIZING SETS

bring the largest profits—100% more than other poultry. Caponizing is easy and soon learned. Capons sell for 30c. a pound, while ordinary poultry brings only 15c. a pound. Progressive poultrymen know these things and use

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THE QUALITY KIND
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We have hundreds of cuts of poultry, pigeons, ducks, geese and turkeys from one to ten inches square. You should have your stationery illustrated. If you prefer to use a cut of one of your own birds send us the photograph. We have excellent facilities for making the very best half-tone cuts that may be used in poultry journals or on stationery. Ask for proof of cuts of any breed you like, mentioning size. They will be sent free.

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Knoxville, Tenn.

Let us build you a better Poultry House

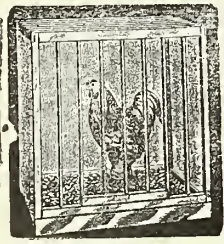
for what it would cost you for the lumber.

Our No-Yard House is big enough for 20 hens. 6 ft. long, 8 ft. deep, 6½ ft. high. We sell it all complete with roosts, laying boxes, dropping board and feeding platform at \$25. That is cheaper than you could buy the material.

BUCKEYE NO-YARD PORTABLE POULTRY HOUSES

have the approval of the U. S. Government, the National Poultry Association, and every poultry magazine published. It's built on the fresh-air plan that has revolutionized the whole poultry industry. It eliminates disease, the hens lay more eggs and they never bother your garden or your neighbor. Just the thing for the small city lot or the largest poultry plant. Let us tell you all about it in our book "The Modern Method of Poultry Keeping." It's free. Write to-day.

THE BUCKEYE INCUBATOR CO., 525 Euclid Avenue, Springfield, O.



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For training, exhibition, shipping **LARGE STOCK**—all standard sizes, neat, strong, attractive. Equipping Associations and Fairs a specialty. 20 years experience back of every coop. **NONE BETTER.** Somerset, Pa., Association bought \$300 worth last season; entirely satisfied. Quick shipment. Satisfaction guaranteed.

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REST AND HEALTH TO MOTHER AND CHILD.

MRS. WINSLOW'S SOOTHING SYRUP has been used for over SIXTY YEARS by MILLIONS of MOTHERS for their CHILDREN WHILE TEETHING, with PERFECT SUCCESS. It SOOTHES the CHILD, SOFTENS the GUMS, ALLAYS all PAIN; CURES WIND COLIC, and is the best remedy for DIARRHOEA. It is absolutely harmless. Be sure and ask for "Mrs. Winslow's Soothing Syrup," and take no other kind. Twenty-five cents a bottle.

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LONG DISTANCE PHONES IN EVERY ROOM

Rates: \$2.50 and up
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AMERICAN PLAN

LaFollett's Weekly MAGAZINE and The Industrious Hen, both one year, and a copy of "Hen and Chicks" for \$1.25. Send orders to THE INDUSTRIOUS HEN, Knoxville, Tenn.

Eggs in water Glass

Place the fresh eggs daily in crocks, jars or pails containing enough three per cent. solution of water glass to immerse them. I have kept eggs in water glass for a whole year and with good results. I should, however, plan to use the eggs in the home within six or eight months ordinarily. If anyone sells such eggs he should state to the purchaser in selling that the eggs have been kept in water glass.

The eggs to be preserved should be perfectly fresh, and clean of shell. They should be completely immersed in the preserving liquid. In experiments conducted several years ago, when I was Director of the Rhode Island Agricultural Experiment Station, I found that a three per cent. solution answered as well as a ten per cent. solution. The eggs were uniformly well preserved even after ten to twelve months in the water glass.

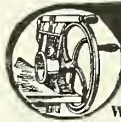
I tested the keeping of fertile and infertile eggs in the water glass solution. I found absolutely no difference in the keeping quality of the fertile and infertile eggs. These eggs were perfectly fresh when placed in the preserving liquid.

Of the eleven different methods of preserving eggs that I tested, the water glass plan proved by far the best. The eggs came out of the solution beautifully clean and there was no enlargement of the air cell.

Water glass is a silicate of soda solution. If a white precipitate forms on the eggs and partially fills and clogs the pores of the shells, it may be well to pick a slight hole thru the shell before boiling them in the shell.

Hope that some day we shall have small storage plants in each farm neighborhood so that the producers can control the sale of their products. Until that delightful day comes let us make good use of the preserving power of water glass.—A. A. Brigham, Brookings, South Dakota.

If the fowls are too fat an exclusive diet of oats will reduce them.



Crown Bone Cutter

Hens fed cut green bone lay more eggs. Get a Crown Bone Cutter. Send to-day for catalogue. Wilson Bros., Box 816 Easton, Pa.

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Lowest
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BUFF PLYMOUTH ROCKS

Cockerels and pullets bred from our Louisville, Ky., winners. Single birds, pairs, trios or pens in any number. Birds good enough for show or breeding pen. Quality backed by years of skillful mating. New standard, fawn and white

Indian Runner Duck Eggs

Greatest laying fowl the world has ever produced.

J. C. CLIPP

Box 700 SALTILLO, IND.

MY GREAT INCUBATOR OFFER HAS BEEN ACCEPTED

by thousands of satisfied customers. During all of this season I have been selling

THE NEW BUFFALO

Incubator at just about 1-2 the price that any machine of anything like the quality has ever before been sold for. If you did not get yours you are money out of pocket unless you write at once for particulars.

Send today for prices and full information. Address

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CINSENG \$25,000.00 from one-half acre. Easily

grown throughout U. S. and Canada. Our booklet No. 6 tells particulars. Send 4c for postage.

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If you want to Rear Blue Ribbon Winners, feed them on

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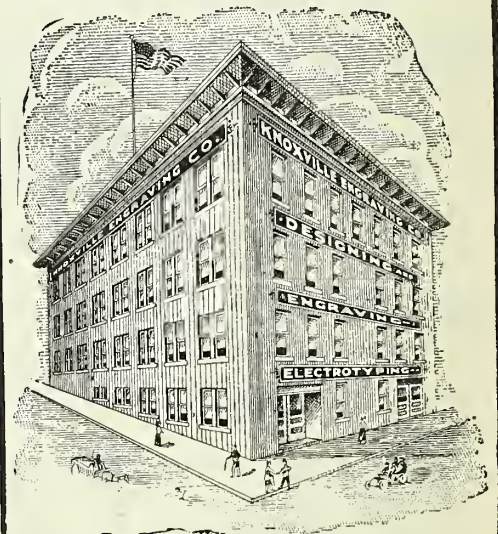
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WHITE DIARRHOEA

Tablet 3 cures it! J. C. Fishel writes, "It does the work, rush 3 dozen more boxes." 25c a box; 6 for \$1. Agents Wanted. CHEMIST SUPPLY COMPANY, Cincinnati, Ohio.

The SOUTHERN PLANTER

The South's Oldest, Largest and Best Farm Magazine

and THE INDUSTRIOUS HEN, both one year for 50 cents.

INDUSTRIOUS HEN CO., Knoxville, Tenn.

Hobby Worth While

Chickens as a side line are about the healthiest money makers one can put a little of his or her time into. For the man who is in his office or has a business he can get away from a part of each day and needs the air and exercise, nothing beats the poultry business. And it makes no difference whether the fancy side of the game or the meat and eggs side of the business attracts one. The value of the business either one way or the other is just the same for the man who needs its benefits.

The young man or old man who has a spot of ground in the village, has a spare hour or two daily, and loves the work can make it the means of gaining profits that will materially increase the savings. A hobby that will more than pay its way is a profitable hobby. It will make a brighter and more active man of anyone if he is interested in something besides his daily routine.

The whole poultry fancy is made up of good men who are from many walks of life, all enjoying the sportmanship of competition and asking nothing more than the fair field with no favors extended. If you are not one of us, take the little plunge and come in.

The investment will not have to be large, the returns will be commensurate with the skill you are possessed of in breeding good birds and showing them. You will find the work fascinating, pleasant and full of honest sport. If you are a good loser the winning will come to you easier. In anything competitive the losing comes before the winning.

There is most anything one would care for in styles of shape and color. Pick out what seems to attract you and get into the work. The little obstacles will be incentives to succeed. You will meet many men of brains and influence. The friendships formed are lasting.—*American Poultry Journal*.

Causes and Effects.

Wet weather—pip.
Filthy houses—lice.
Musty food—canker
Overfeeding—apoplexy.
Impure water—cholera.
High roosts—bumble foot.
Breeding in—consumption.
Damp quarters—diarrhoea.
Close confinement—debility.
High feeding—leg weakness.
Drafts in the hennery—roup.
Want of exercise—black rot.
Unwholesome diet—indigestion.
Exposure to cold—rheumatism.

Has Some Choice Breeding Stock

The Porico Poultry Farm, E. Lee, proprietor, Cortez, Fla., is one of the many Florida poultry farms coming to the front at a rapid pace. They breed Black Minorcas, Barred Rocks, White Leghorns, Buff and White Orpingtons, Mammoth Pekin Ducks and Mammoth Bronze Turkeys. They guarantee to give satisfaction, and their motto is to please all customers.

A single handful of feed is generally a meal for an individual hen. The feeder must be the judge though. When they meet you along the fence, eagerly waiting for what you have, they are hungry; when they seem to be indifferent about it, they are not.

WOLFE'S REDS LEAD THE WORLD

HALF PRICE now for all eggs. Get eggs from our famous hens, "Polly," First Providence, First Frankfort, First Knoxville, First Cleveland, etc., and First Ogdensburg Cockerel, 1908, at half price, and raise some \$100 Reds. **BREEDING STOCK** for sale at a bargain in pairs, trios or pens. Baby chicks and older chicks from all matings at fair prices. Send for mating list and prices on birds.

CLINCHFIELD POULTRY YARDS,
George L. Wolfe, Proprietor

Rogersville,
Tennessee.

WHITE WYANDOTTES

That have gotten their share of honors in the show room. Some one and two year old Hens and Cocks for sale now. Young Stock after September 1, 1911. Eggs at summer price \$1.50 per 15.

OLIVER RUTHERFORD, Box 77, Eutaw, Ala.

Eggs At Half Price

Houdans of perfection, Zebra Barred Plymouth Rocks, Single Comb Brown Leghorns of quality, Indian Runner Ducks. Send for catalog.

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Box 1 : : : Orleans, Indiana

WHITE HILL POULTRY FARM

40 Acres in Lawson's Blue Ribbon Strain S. C. WHITE LEGHORNS. America's best layers, and they always win the "BLUE." If you want show birds, fancy breeders, or utility stock in any quantities, or eggs for hatching, write us.

A. J. LAWSON & SONS, Route 4, Box 2, Cleveland, Tenn.



Mammoth Bronze TURKEYS For Sale

Old and young stock from two magnificent flocks, mated for largest size and best plumage. When buying be sure you buy the best. My breeding toms for six years have weighed from 48 lbs. to 50 lbs. at 18 and 20 months of age. Won many prizes in the leading shows, scoring from 96 to 97½ points. I can furnish you young stock that will grow that way for you. Do not delay buying your breeding stock early.

Also Barred Plymouth Rock Chickens from the best prize winning blood.
MRS. J. C. SHOFNER, - - - Route 1, Mulberry, Tenn.
BOONEVILLE POULTRY YARDS

A BARGAIN FOR BARRED ROCK FANCIERS

We have broken up our small breeding pens, but have placed all cockerel-bred birds in one large yard and all pullet-bred birds in another large yard. Not a bird in either yard scoring less than 85 points, and from that up to 92 point prize winners. From now on we offer eggs from either pen at

\$1.50 Per 15 A Life-time Opportunity

Mayflower Poultry Yards

H. L. STERNBERG, Prop.

P. O. Box 34,

Pine Bluff, Ark.

IMPROVE YOUR FLOCK

BY INJECTING NEW BLOOD.

Are they making you a profit? Do they average you from 150 to 175 eggs each per year? If not, secure a trio or pen from the breeds that have made Indiana famous in the poultry industry.

| PLYMOUTH ROCKS | | Trio | Pen | WYANDOTTES | | Trio | Pen |
|-------------------|--|--------|--------|--------------|--|--------|--------|
| Barred | | \$4.50 | \$7.00 | White | | \$4.50 | \$7.00 |
| White | | 4.50 | 7.00 | Silver Laced | | 5.00 | 8.50 |
| Buff | | 5.00 | 8.50 | Buff | | 4.50 | 7.00 |
| LEGHORNS | | | | LEGHORNS | | | |
| S. C. Brown | | 4.50 | 7.00 | S. C. White | | 4.50 | 7.00 |
| R. C. " | | 4.50 | 7.00 | R. C. " | | 4.50 | 7.00 |
| RHODE ISLAND REDS | | | | ORPINGTONS | | | |
| Single Comb | | 4.50 | 7.50 | Buff | | 5.00 | 8.00 |
| Rose | | 4.50 | 7.50 | White | | 8.00 | 12.00 |

INDIAN RUNNER DUCKS, Fawn and White Penciled

The Twentieth Century Egg Machine. Young stock ready to lay in October. Trio, \$3.00; Pen, \$4.50. Year old—Trio, \$4.50; Pen, \$7.50

WHITE RUNNERS, Trio, \$12.00; Pen, \$18.00

TERMS—Cash with order. Stock well cooped and we guarantee delivery.

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Ads will be inserted in this Department under the following rates: Half-inch cards will be run for 75 cents a month, \$4.00 for six months, and \$7.00 for one year. One-inch cards, \$1.26 a month, \$7.00 for six months and \$13.00 for one year. Payments strictly in advance.

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Prize-winning White, Buff and Black Orpingtons, White and Barred Plymouth Rocks, S. C. and R. C. Rhode Island Reds, and White Wyandottes.
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BUFF ORPINGTONS

I have birds that will please you. Summer price on eggs from all pens \$2 for 15. Stock for sale. WEST LAWN POULTRY YARDS, J. C. DENNIE, 51 Gilmore Avenue : Nashville, Tenn.

WHITE WYANDOTTES

The kind that win in any show. Stock and Eggs. Satisfaction guaranteed.

GEO. BARKDOLL, Box 248, West Unity, O.

"Blue Grass Strain"

WHITE ROCKS

Popular type of proven Quality.

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To make room for youngsters, we are offering exceptional values in breeding birds. Write for prices : : : :

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Indian Runner Ducks

Hundreds of ducks; thousands of eggs; ducks and drakes \$1.00 each in lots of 100. Eggs—12, 80 cents; 24, \$1.50; 50, \$2.50; 100, \$4.50; 200, \$8.75; 300, \$13.00; 400, \$16.00.

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BUFF BLACK WHITE ORPINGTONS

ORPINGTON GROVE

MRS. L. L. UPSON 1124 Prince Ave., Athens, Ga.

Choice Poultry Yards

NOW READY to fill orders for young cockerels and pullets hatched from their PRIZE WINNERS, S. C. Brown and S. C. White Leghorns, S. C. Black Minorcas, Rose and S. C. Rhode Island Reds, White Wyandottes, Buff Orpingtons, Silver Spangled Hamburgs and Black-breasted Red Game Bantams. Price of eggs reduced one-third. Satisfaction guaranteed or money refunded. Catalog free. J. P. SWIFT & SON, Waynesville, N. C.

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600 prize-winning and utility Single and Rose Comb R. I. Reds, Barred P. Rocks; White Wyandottes, Single Comb White and Brown Leghorns. Winners at the largest shows. It will pay you to write me if you want good stock.

CHAS. HUFF

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REDUCTION SALE OF B. P. ROCKS

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White, Black, Buff Black

Lumley's Orpingtons, Langshans

Pekin, Indian Runner, and Buff Orpington Ducks, Young and Old Stock for sale. 64 1st premiums at five 1910 shows. Choice Berkshire Hogs and Collie Dogs.

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Eggs from selected pens of large, vigorous and unsurpassed layers at half price for balance of season. Ask for prices and our illustrated mating list. Stock a matter of correspondence. Write us your wants.

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RHODE ISLAND REDS and INDIAN RUNNER DUCKS

S. C. and R. C. Rhode Island Red Eggs:—\$1.50 and \$2 per 15; \$7 and \$10 per 100. Indian Runner Duck Eggs:—From 225 egg strain, \$1.50 per 12; \$5 per 50. A few S. C. and R. C. Red cockerels for sale. \$1.50 to \$3 each. Indian Runner Drakes, \$1.50 to \$2.50 each. No more Ducks for sale. Orders given prompt attention. J. C. CATE, Milan, Tenn. R. 5.

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Reds Lay. The Ideal Fowl for Farmer and Fancier. "Eggs to Hatch" from three pens. Only eggs testing fertile sent out. "A Square Deal." Send today for circular. Mention "Industrious Hen."

D. MATT THOMPSON
STATESVILLE, NORTH CAROLINA

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Wyandottes

Black and White, are good layers

S. H. SANDERS

Route 1 NASHVILLE, TENN.

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500 S. C. W. Leghorns and B. P. Rock Pullets and Cockerels, pure, full blooded, standard bred. Real beauties \$1.00 each. Shipped at once.

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CORTEZ : : FLORIDA

Single Comb WHITE LEGHORNS

The Great Egg Producers
Pine Burr Poultry Farm, Morristown, Tenn.

S.C. White Leghorns

Will have lots of stock for sale from my exhibition pens for Fall shows. Eggs from best pens, \$1.00 per 15 balance of season.

J. B. VINSON

1020 Mulberry St. : PINE BLUFF, ARK.

Fogg's S.C.W. Leghorns

WILL PLEASE YOU. Several thousand COCKS, HENS, COCKERELS and PULLETS now ready to fill your orders. They are the finest lot I ever raised. I GUARANTEE SATISFACTION—Write your wants.

N. V. FOGG, Box A, Mt. Sterling, Ky.

WHITE WYANDOTTES

PRIZE WINNERS, EGG LAYERS

Some choice cockerels for sale. Eggs for setting.

W. W. EARLY

Box 1 : : : Lexington, Kentucky

Blair's BUFF ROCKS

WINNERS AT THE LEADING SHOWS

On account of other business connections I will be compelled to sell my entire flock of Buffs with my good will, etc. Write me if interested, I will make you a proposition that you will appreciate.

MAPLE HILL POULTRY FARM, Box F, Carlisle, Ky.
J. Gaylord Blair, Prop., State V. Pres, Buff Rock Club

Barred PLYMOUTH ROCKS

Eggs from prize-winning strains, \$2 for 15. Farm raised, extra healthy. All eggs guaranteed to be fertile. Order from this ad, or write at once to

SHADY LAWN POULTRY FARM

MRS. JAS. R. PHILLIPS, Box 10G, Sugar Grove, N. C.

"Only" Rose Comb Rhode Island REDS

Won again at Great Hagerstown Show, Oct. 1910: 2d and 3d cock; 2d hen; 3d cockerel; 2d, 4th and 5th pullet, and 1st pen. This with my winnings heretofore certainly prove that I have Reds of great quality. Write your wants. M. C. RICHARDSON, JR., Member of Red Clubs, Front Royal, Va.

PLANT'S S. C. R. I. REDS

Winners at Georgia State Fair, Macon, 1910: 1st cockerel, class of 25; 1st hen, class of 17; 1st pen, class of 12, and 2d pullet, class of 25. Largest and Best Display of Reds, both combs competing. Cockerels for sale at \$5, \$10 and \$15 each. Eggs \$1.50, \$3 and \$5 per 15. Satisfaction guaranteed

R. H. PLANT, Box 50, Route 1, Macon, Ga.

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Breeder of High-Class, Single Comb

Buff and Black Orpingtons

COLUMBUS, GA.

MY FAMOUS "QUATILITY STRAIN" S. C. White Leghorns

The Finest Laying Strain on the South Atlantic Coast

I have the finest lot of February hatched cockerels and pullets I have ever owned. Absolutely free from all diseases. Large, Strong and Sturdy. Pullets will commence laying by August. Males \$2.50 to \$5.00 each. Females \$2.00 to \$3.00 each. Order early. I turned down orders for over 3,000 pullets last fall at the same price.

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CLASSIFIED ADVERTISING RATE, 2 cents per word, flat, subject to a discount of 10 per cent on yearly contracts amounting to \$6.00 or more. Ads in this department must be paid for in advance.

ANCONAS

S. C. MOTTLED ANCONAS. Cockerels for sale. S. M. Wilson, 261 S. Tompkins St., Shelbyville, Ind. 87

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BLUE ANDALUSIANS, White Faced Black Spanish, Silver Spangled Hamburgs and Indian Runner Ducks. Finest strains. First prize winners at the Tennessee State Fair and Appalachian Exposition, 1910. Eggs at \$1.50 per 15. H. R. Birchett, Lebanon, Tenn. 91

BLUE ANDALUSIAN and White Face Black Spanish. Tennessee State Fair winners, 1908. Eggs, 15 for \$1.65; 30 eggs for \$3.00. A. N. Brown, Woodbury, Tenn. 91

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BANTAMS—Rare bargains in Golden and Silver Seabright, Buff, Black and White Cochins, Rose Comb Black and Black Breasted Red Game Bantams. Highest honors at Madison Square and other leading shows. Buy your exhibition birds of us and win. Procure a male of our strain and improve your flock. Proper & Sons, Schenectady, N. Y. 91

BANTAMS—AMERICA'S BEST. Catalog 2c. Bargains in Grand Light Brahmas, Cochins, Games, Polish, etc. Fred C. Wilbert, Grand Rapids, Michigan. 88

CORNISH

CORNISH INDIANS—Breeders for sale now. Youngsters this fall. Best imported blood in every bird. Write wants. You shall have a square deal. T. D. Moore, Hopkinsville, Ky., Box 92. 87

COCHINS

MY PARTRIDGE COCHINS lay and pay and win the blues for shape and color. Pullets and cockerels, \$2.00 each. Eggs, \$1.50 setting. Thomas Owen, Route 1, Box 21, Lebanon, Tenn. 88

DUCKS

INDIAN RUNNER DUCKS for sale. Young stock, fawn and white, best laying strain, in trios or pairs, at make room prices. Miss May Fuller, Morristown, Tenn. 88

INDIAN RUNNER DUCKS.—Young stock for sale, best laying strain, at reasonable prices. Miss May Fuller, Route 6, Morristown, Tenn. 88

INDIAN RUNNER DUCK eggs from best laying strain in the world. Fifteen eggs for One Dollar. They hatch and live. Can set any time. Ducklings, 15 cents each. Munniaker Poultry Farm, Normandy, Tenn. 91

WHITE INDIAN RUNNER DUCKS.—The coming duck of America. Pure white eggs, large profit, little trouble, heavy layers. Do well on city lot or farm. Can spare a few young birds in September and October. Place your order now. Bought breeders from U. R. Fishel. No better stock in America. R. J. Latta, Yorkville, S. C. 87

GAMES

FOR SALE.—Flatheads and Cuban Pit Games cheap. Young and old stock. Write me. R. M. Caldwell, Hymet, Ala. 87

HOUDANS

HOUDANS. Winners wherever shown. See our record at the State Fair, Knoxville, Lebanon and the Great Appalachian Exposition. For stock and eggs, write me your wants. Dr. Leeper, Lenoir City, Tenn. 87

LEGHORNS.

SINGLE COMB WHITE LEGHORN eggs. Thirty for one dollar, from pure, good laying stock. They hatch. Not too late to set. Baby chix, 30 cents each. Munniaker Poultry Farm, Normandy, Tenn. 91

SPECIALTY BREEDER of Wyckoff's S. C. White Leghorns. Superior merit in both laying and standard qualities. Stock for sale. Mrs. L. T. Strange, Guthrie, Ky. 87

MINORCAS

NORTHUP MINORCAS—World's best strain. Eggs for hatching, one-half price after June 1st. Eturnoma Farms, Ray C. Brown, mgr., Poultney, Vt.

ORPINGTONS

S. C. BUFF ORPINGTONS. Stock and eggs, \$1.50 up. Write your wants. Major Griffin, Glenwood, Ind. 87

WILLIAM COOK & SONS, Box H., Scotch Plains, New Jersey, originators of all the Orpingtons. Send 10c for 1911 catalogue with history of the Orpingtons and hints on poultry keeping. 90

KELLERSTRASS CRYSTAL White Orpington eggs, from grand-children of "Peggy," 15 cents each. They hatch. Not too late to set. Baby chix, 15 cents each. Munniaker Poultry Farm, Normandy, Tenn. 91

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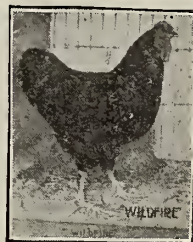
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